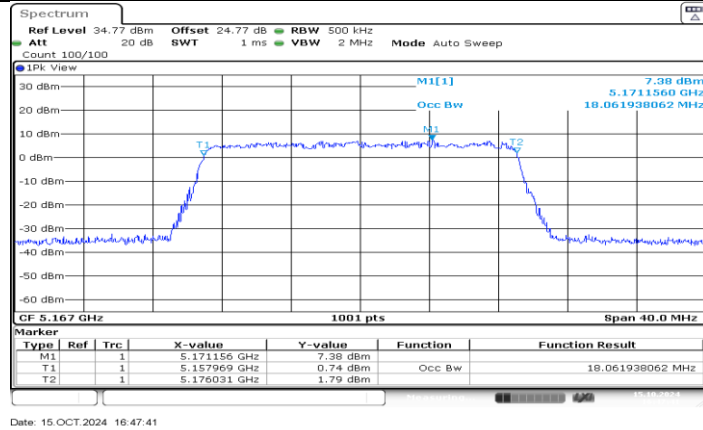
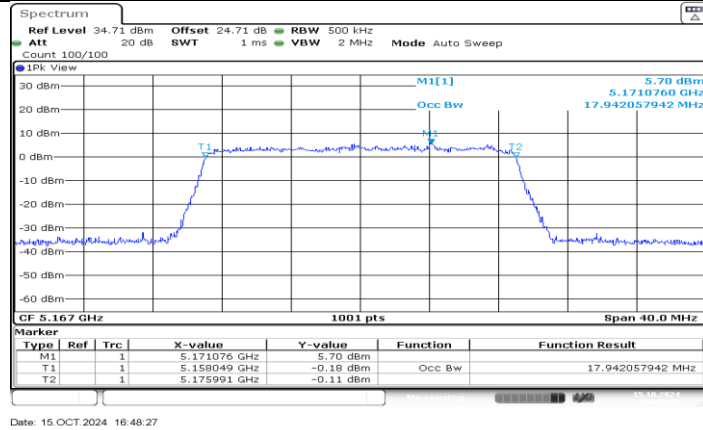
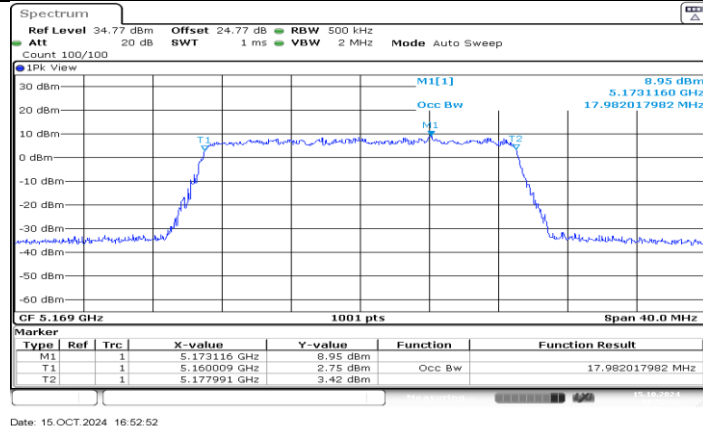




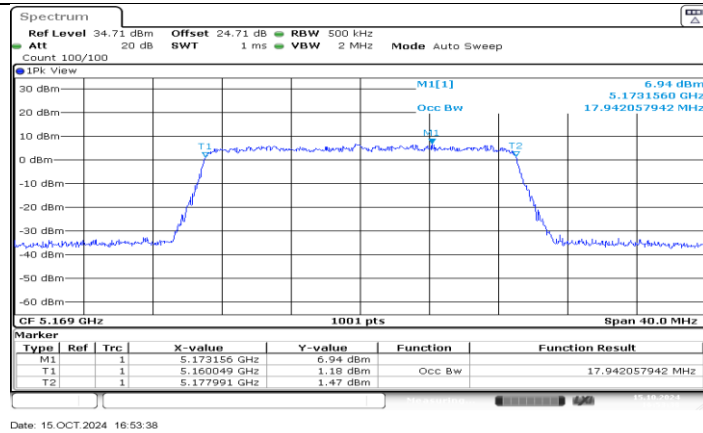
SRD 20M_Ant0_5167



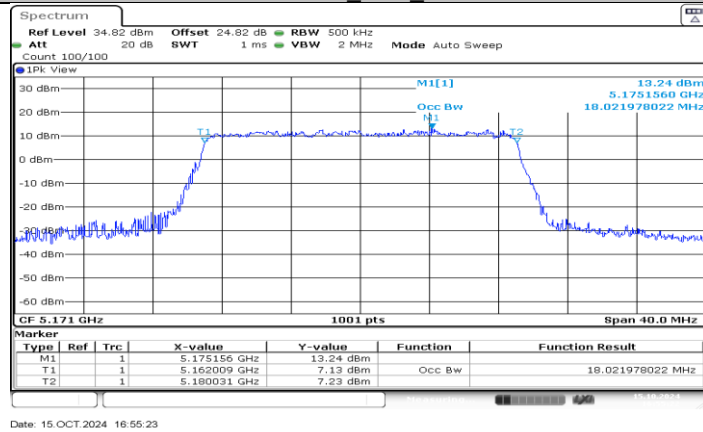
SRD 20M_Ant1_5167



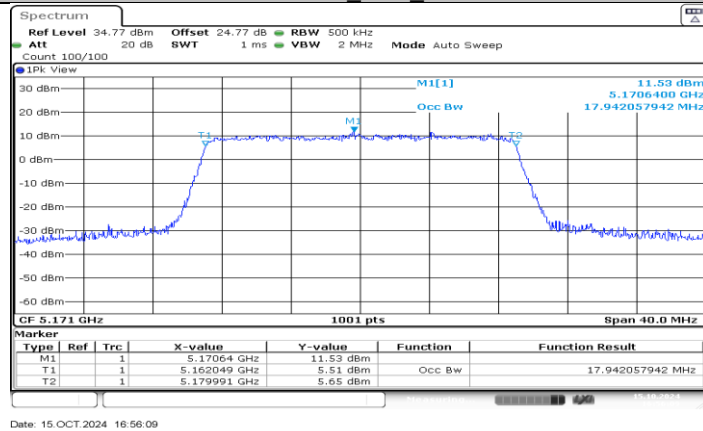
SRD 20M_Ant0_5169



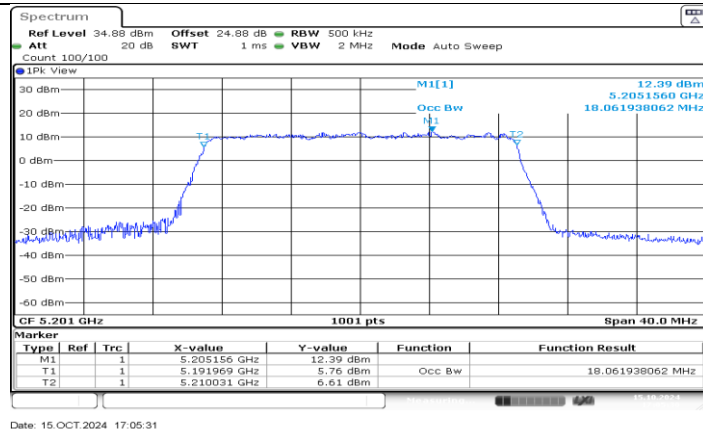
SRD 20M_Ant1_5169



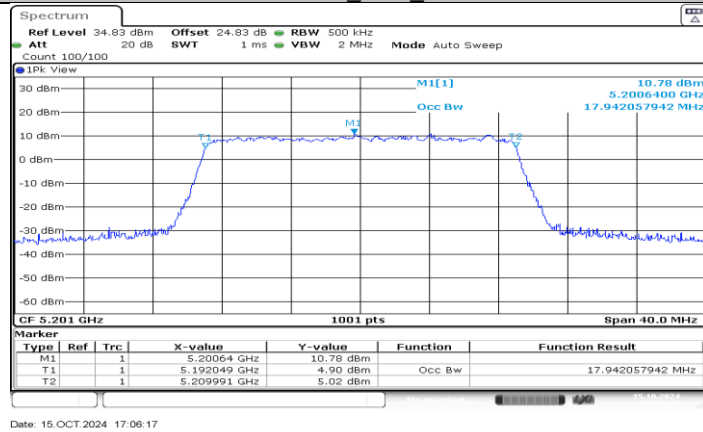
SRD 20M_Ant0_5171



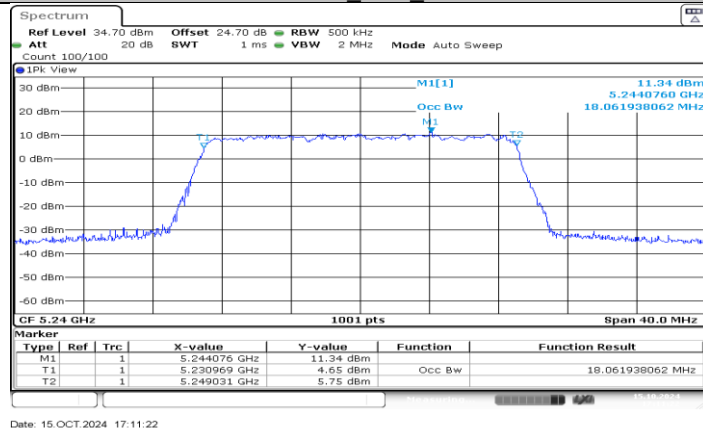
SRD 20M_Ant1_5171



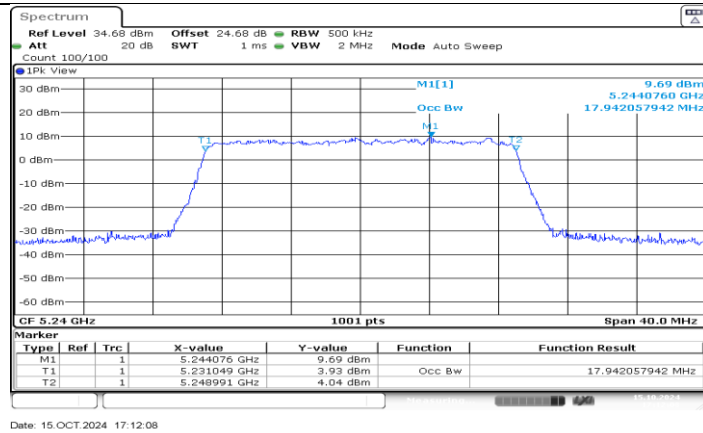
SRD 20M_Ant0_5201



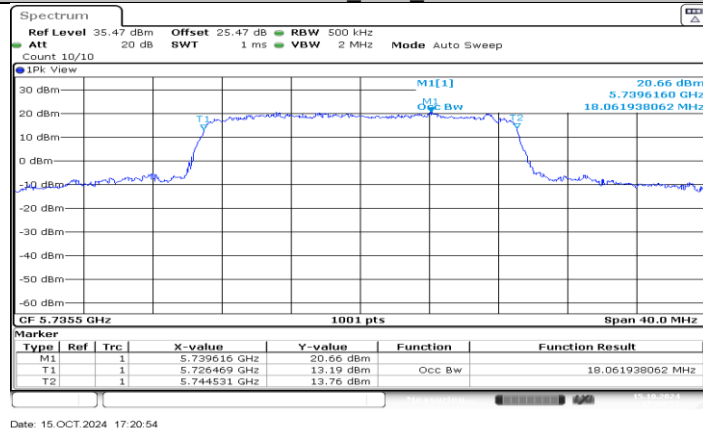
SRD 20M_Ant1_5201



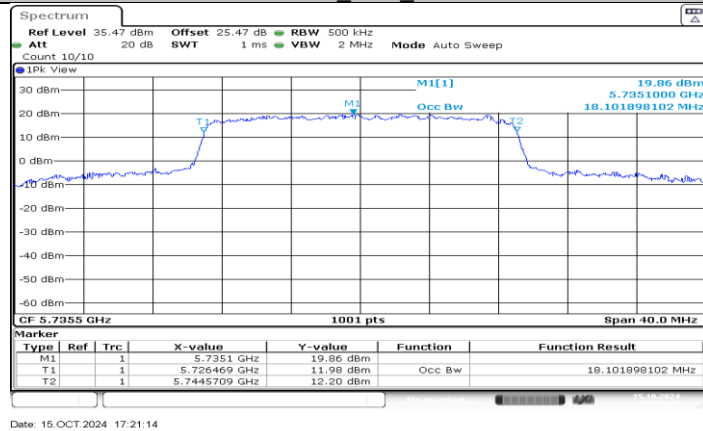
SRD 20M_Ant0_5240



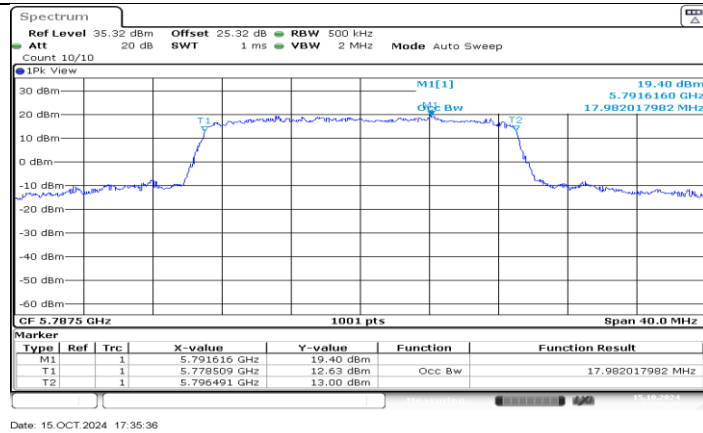
SRD 20M_Ant1_5240



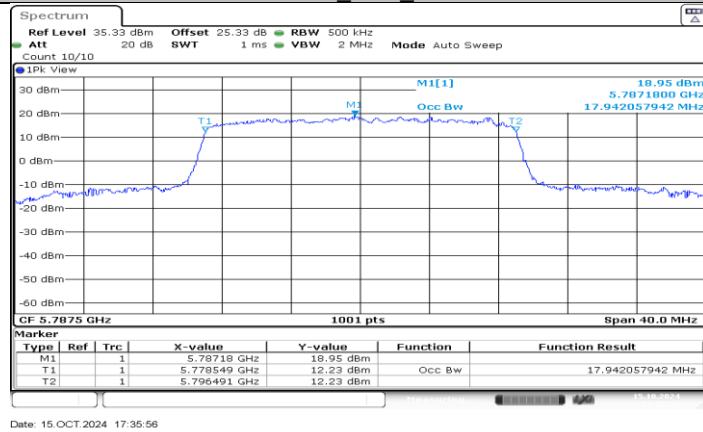
SRD 20M_Ant0_5735.5



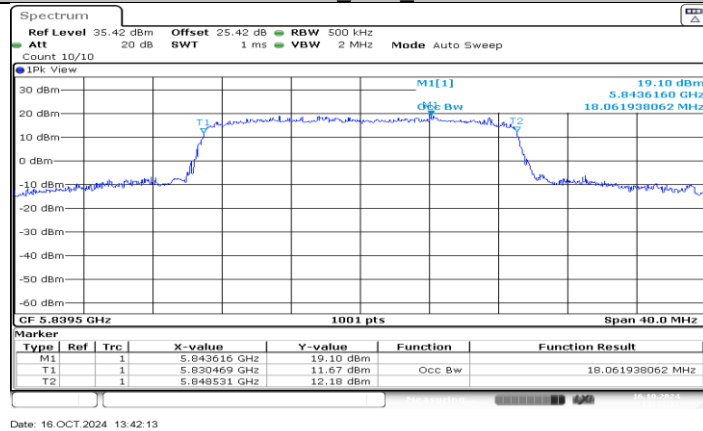
SRD 20M_Ant1_5735.5



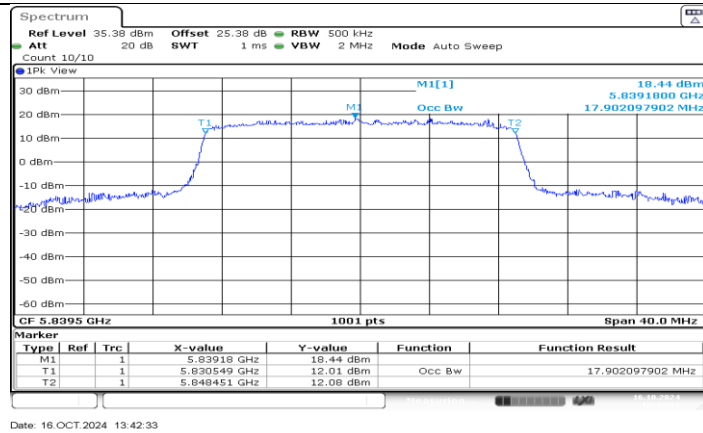
SRD 20M_Ant0_5787.5



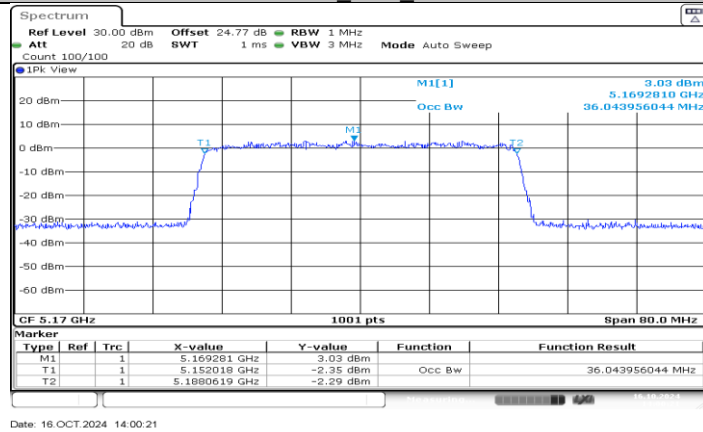
SRD 20M_Ant1_5787.5



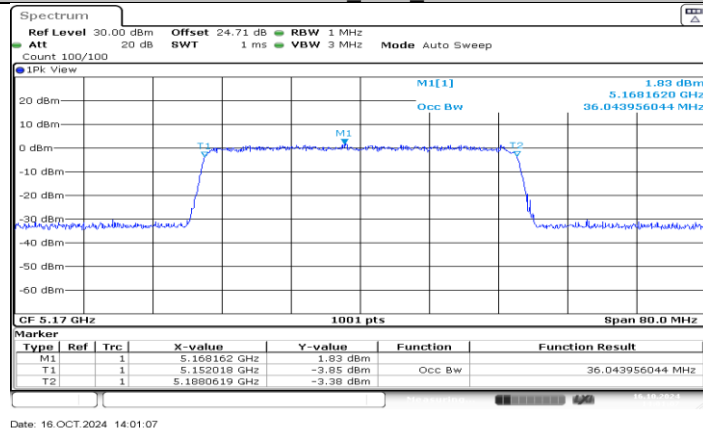
SRD 20M_Ant0_5839.5



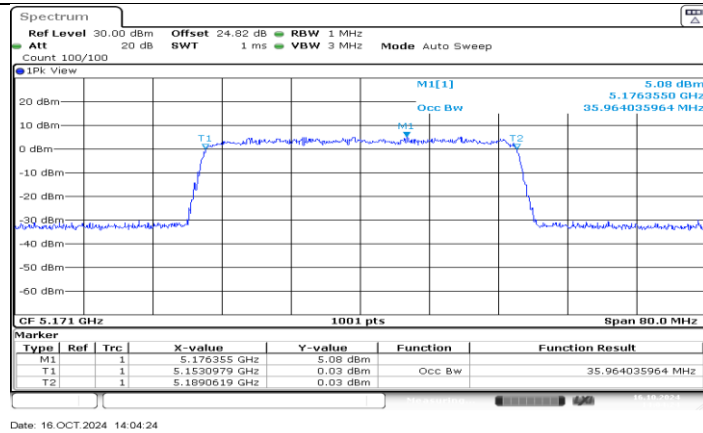
SRD 20M_Ant1_5839.5



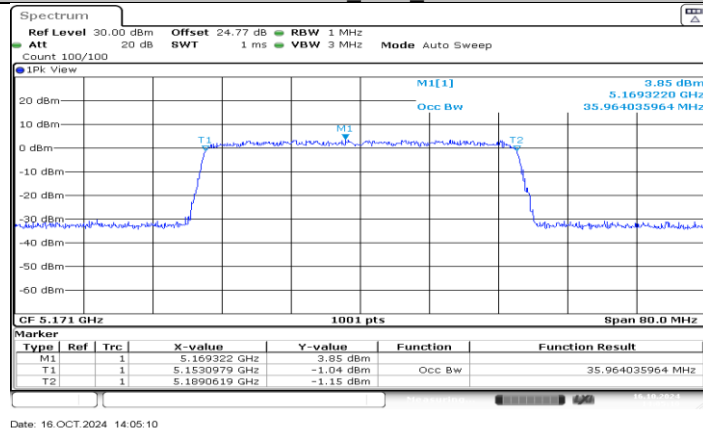
SRD 40M_Ant0_5170



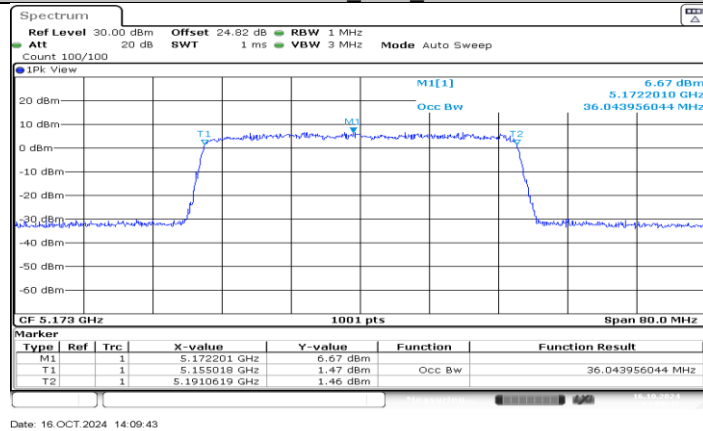
SRD 40M_Ant1_5170



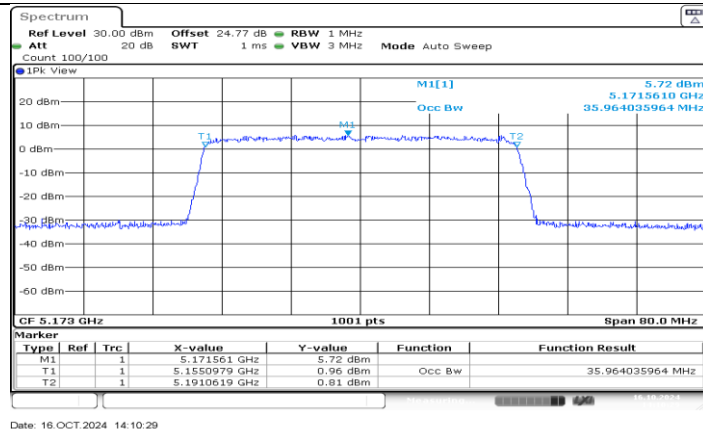
SRD 40M_Ant0_5171



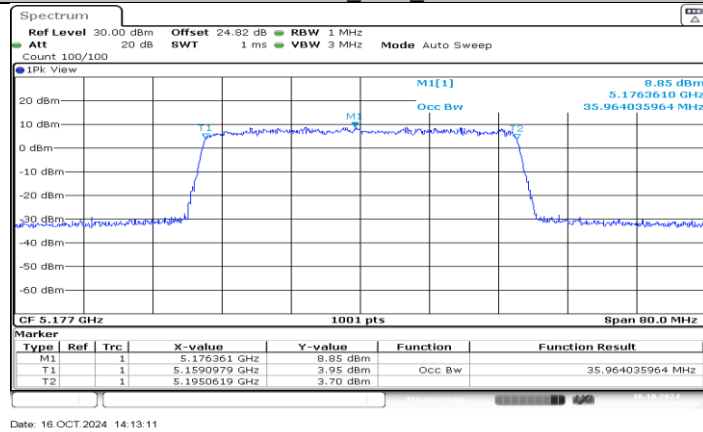
SRD 40M_Ant1_5171



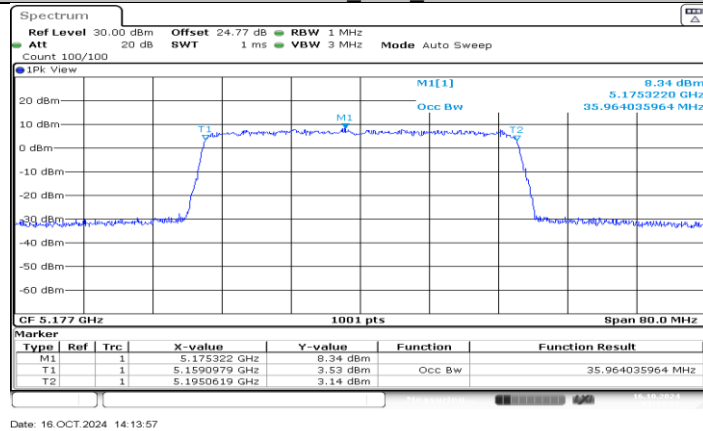
SRD 40M_Ant0_5173



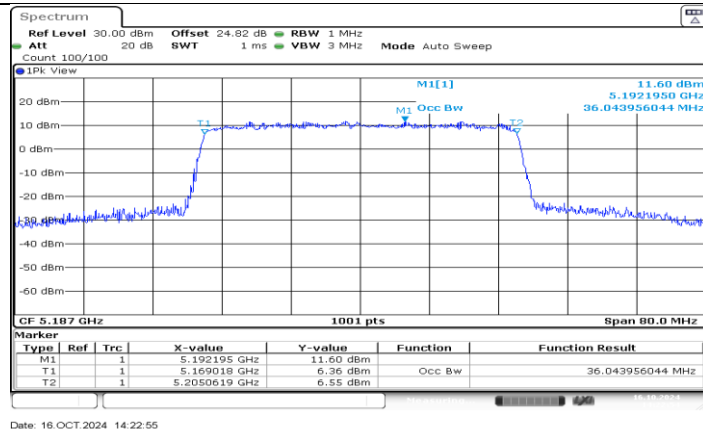
SRD 40M_Ant1_5173



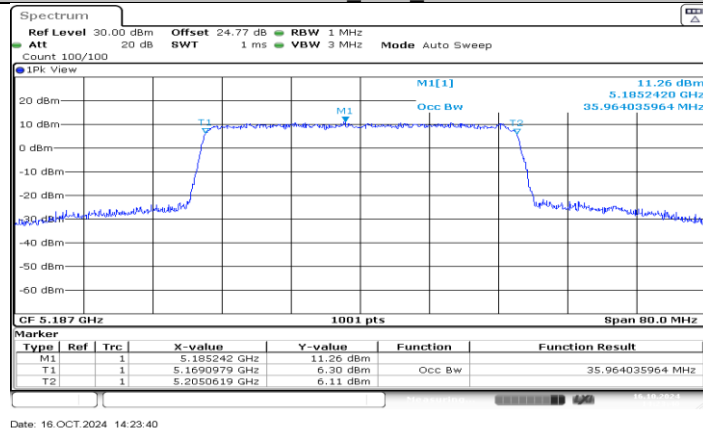
SRD 40M_Ant0_5177



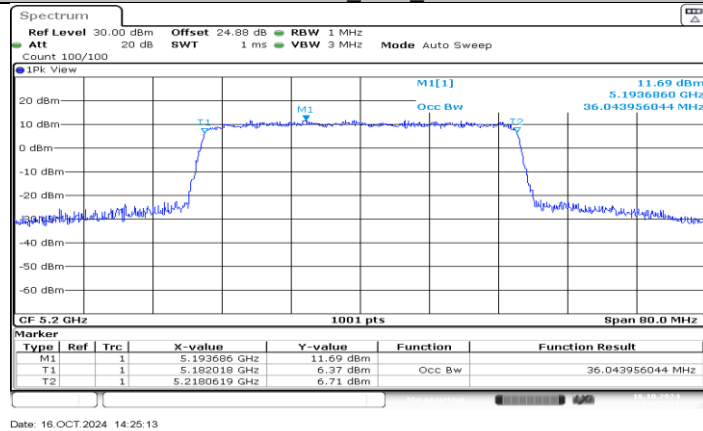
SRD 40M_Ant1_5177



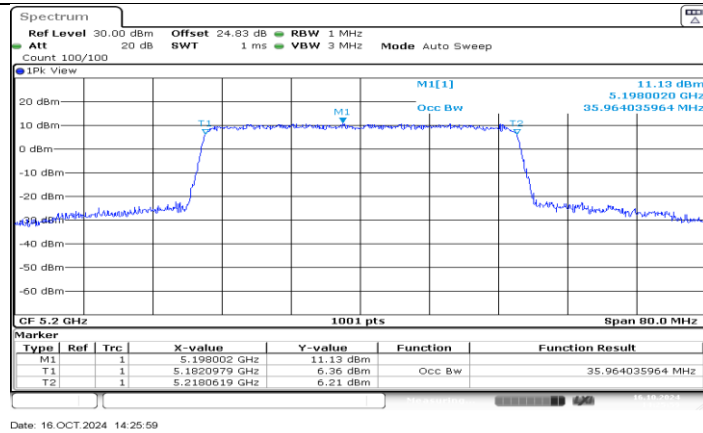
SRD 40M_Ant0_5187



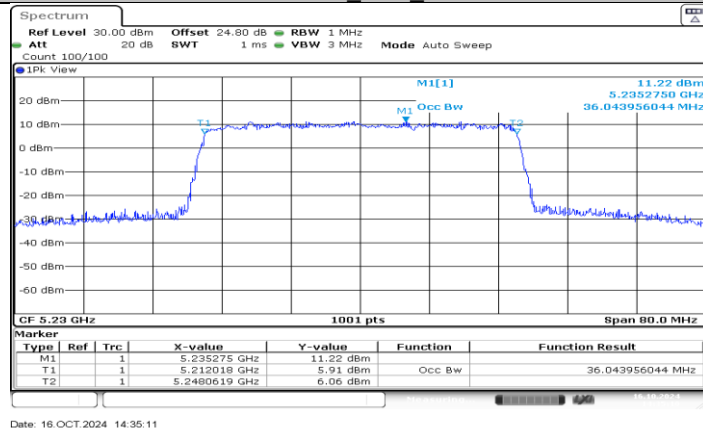
SRD 40M_Ant1_5187



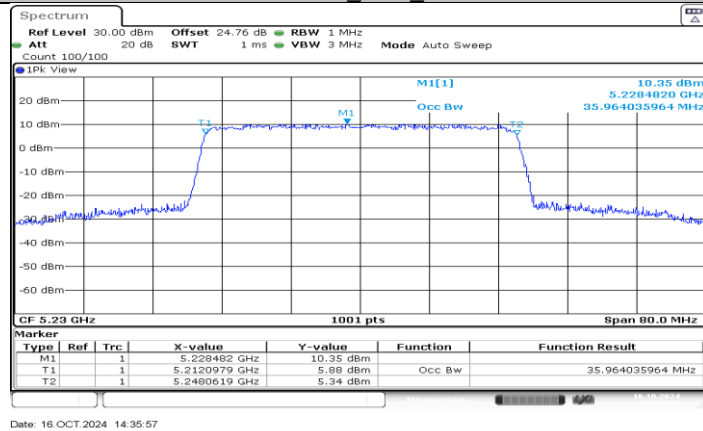
SRD 40M_Ant0_5200



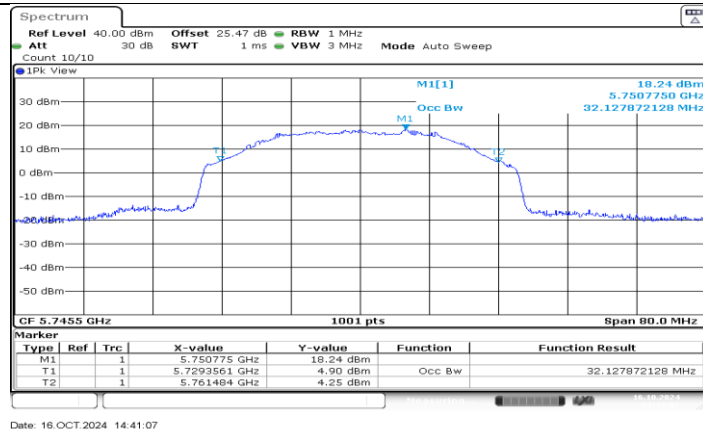
SRD 40M_Ant1_5200



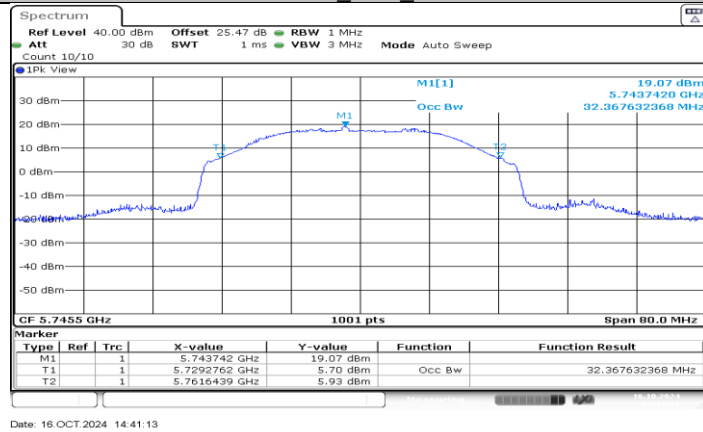
SRD 40M_Ant0_5230



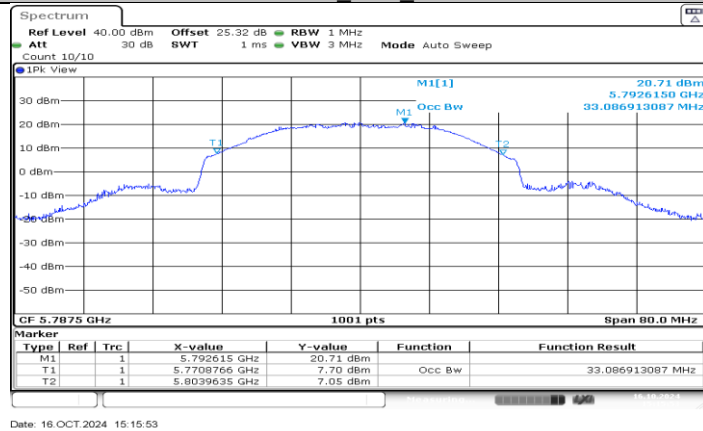
SRD 40M_Ant1_5230



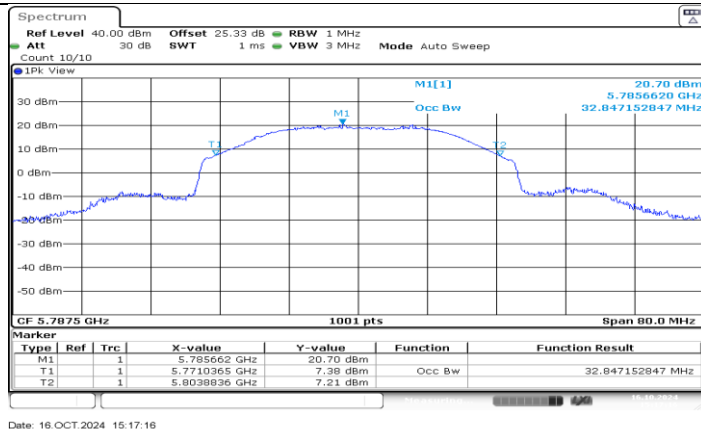
SRD 40M_Ant0_5745.5



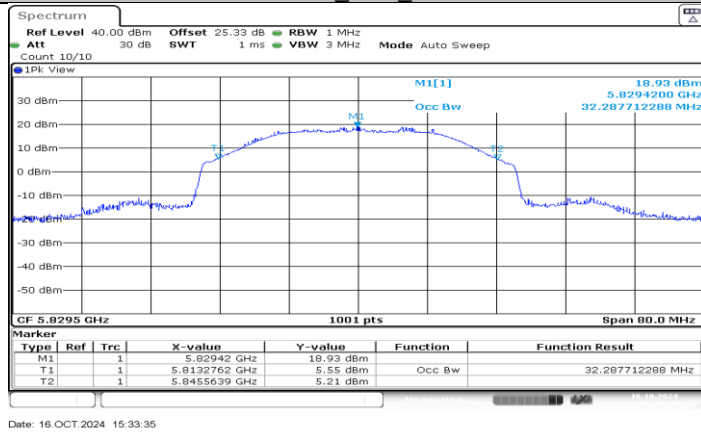
SRD 40M_Ant1_5745.5



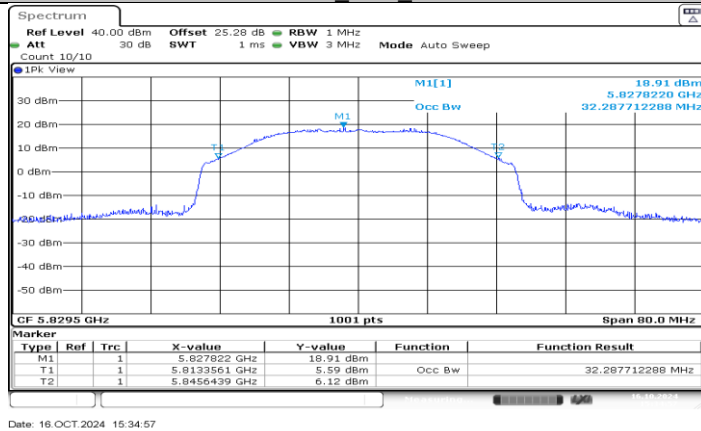
SRD 40M_Ant0_5787.5



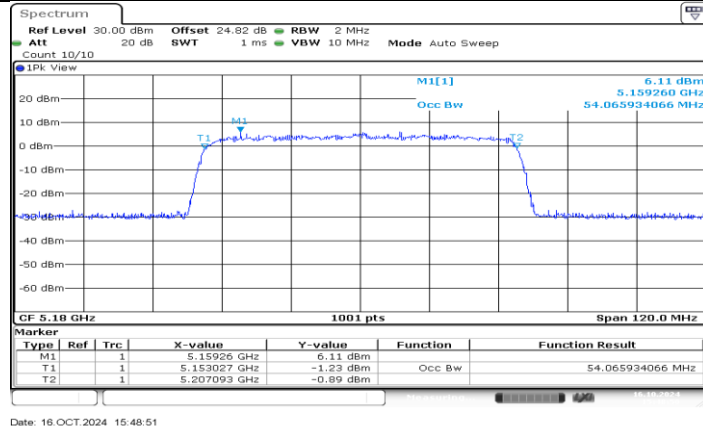
SRD 40M_Ant1_5787.5



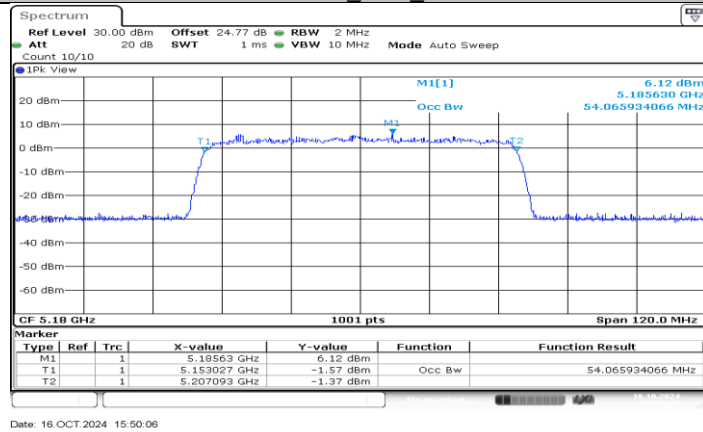
SRD 40M_Ant0_5829.5



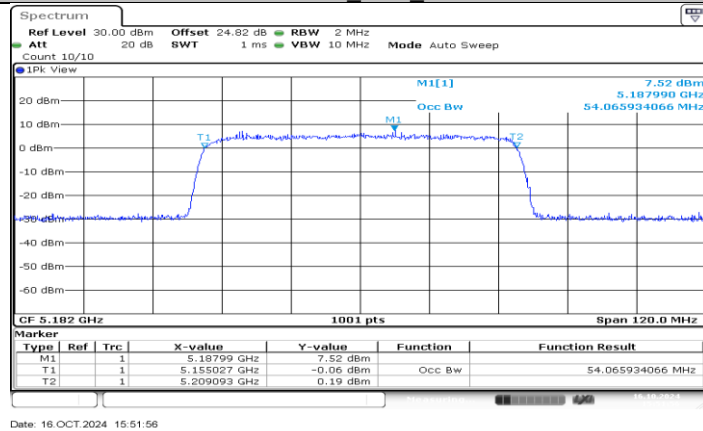
SRD 40M_Ant1_5829.5



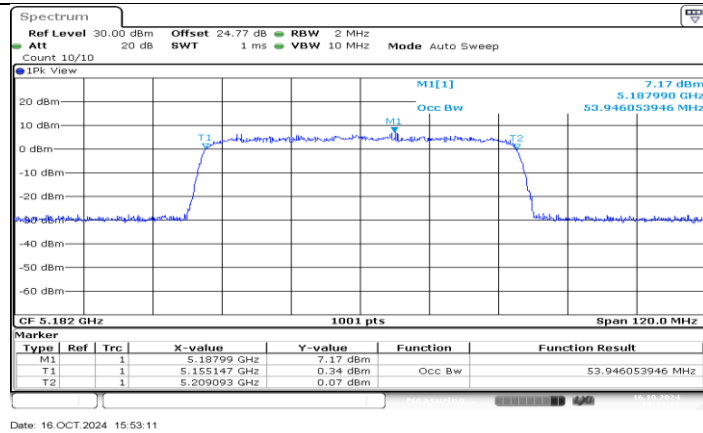
SRD 60M_Ant0_5180



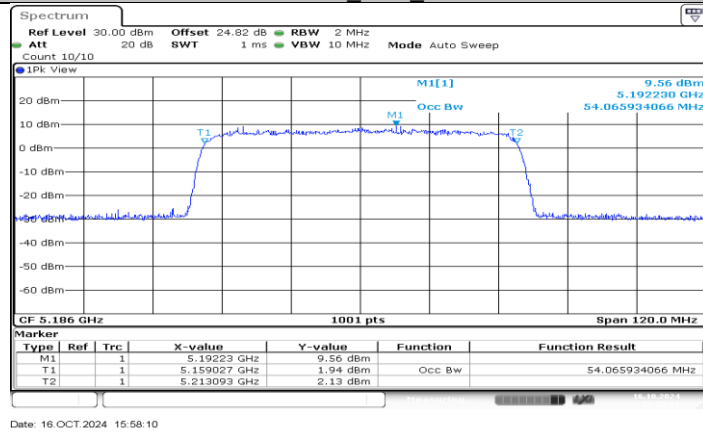
SRD 60M_Ant1_5180



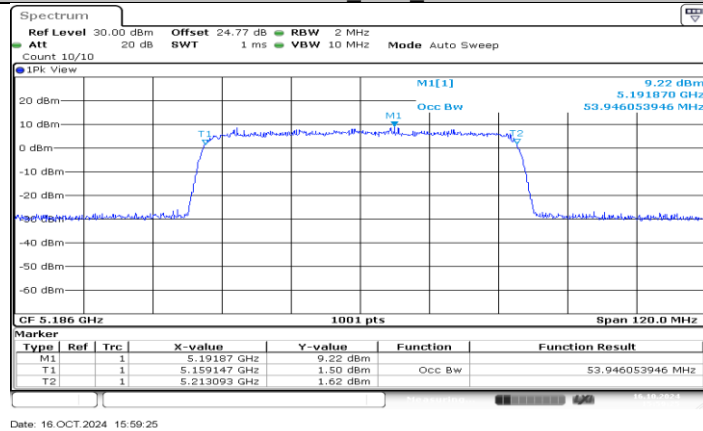
SRD 60M_Ant0_5182



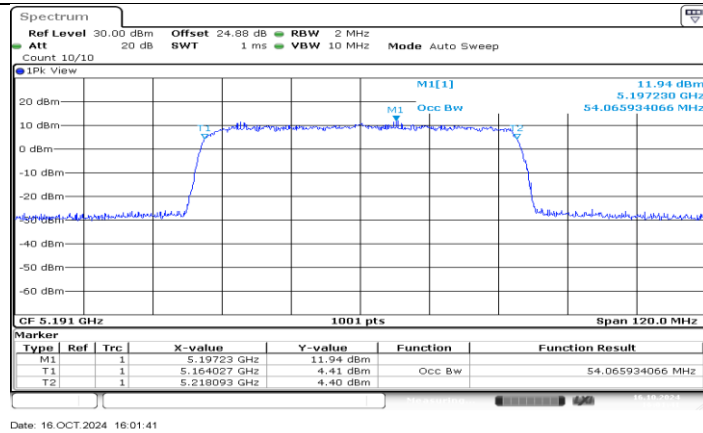
SRD 60M_Ant1_5182



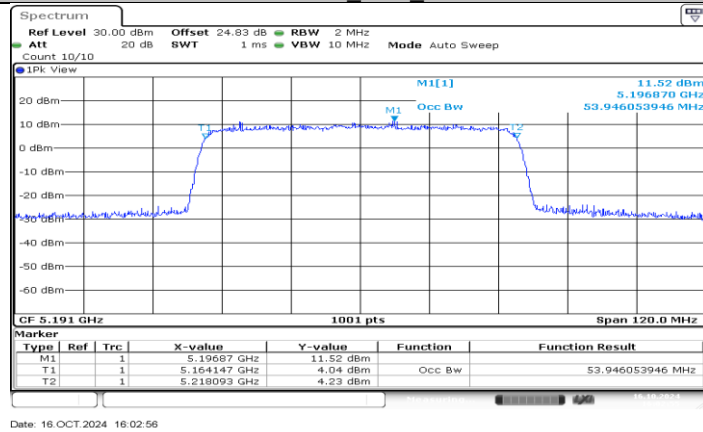
SRD 60M_Ant0_5186



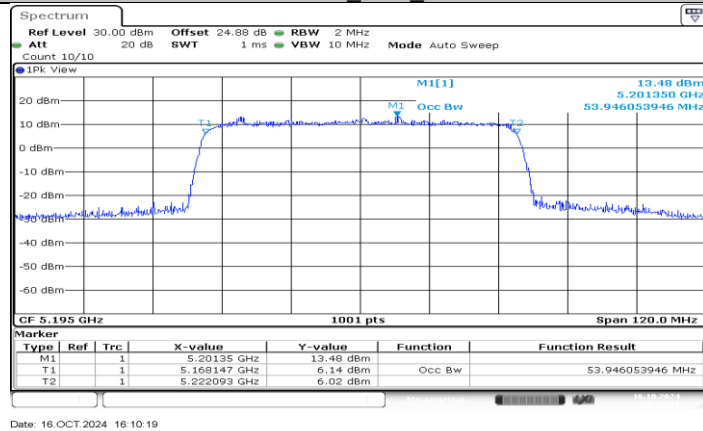
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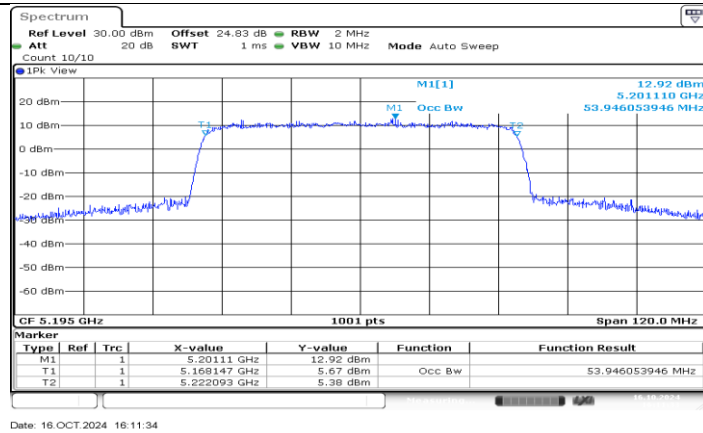
SRD 60M_Ant0_5191



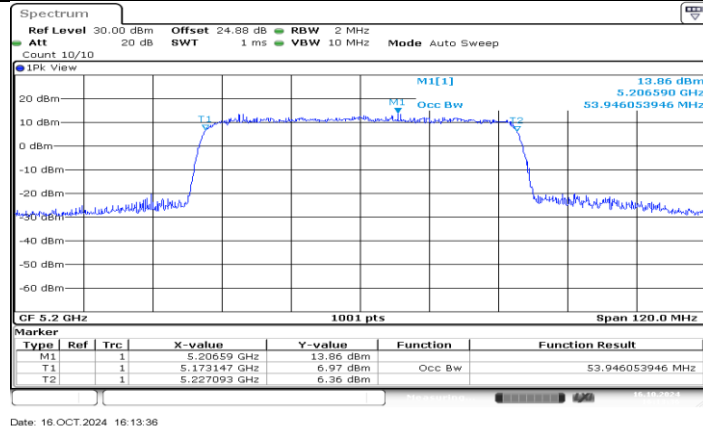
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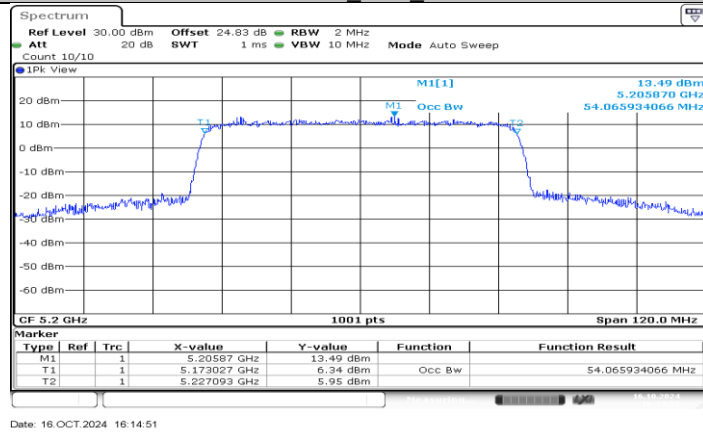
SRD 60M_Ant0_5195



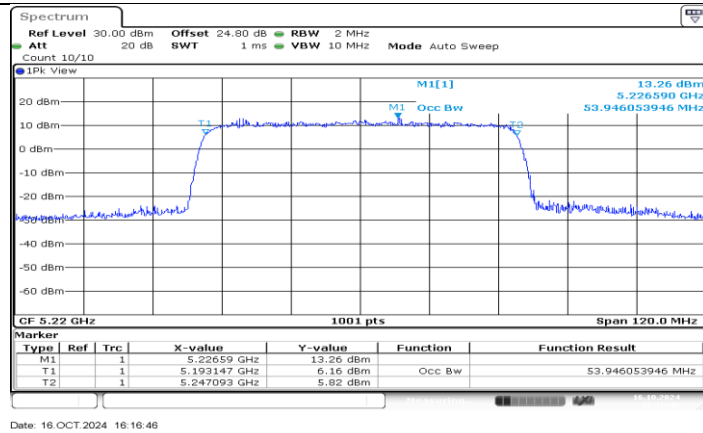
SRD 60M_Ant1_5195



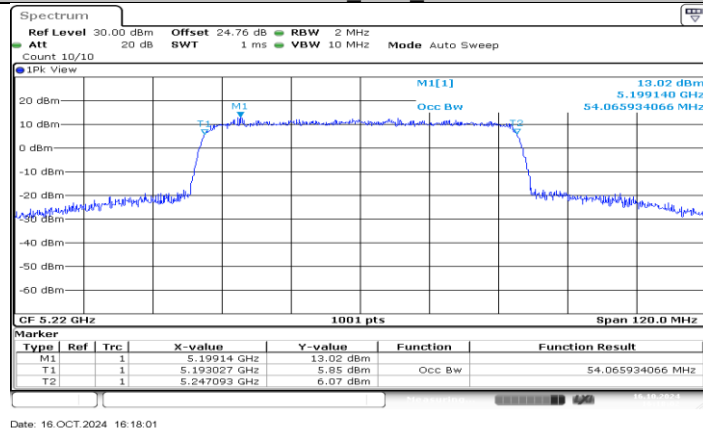
SRD 60M_Ant0_5200



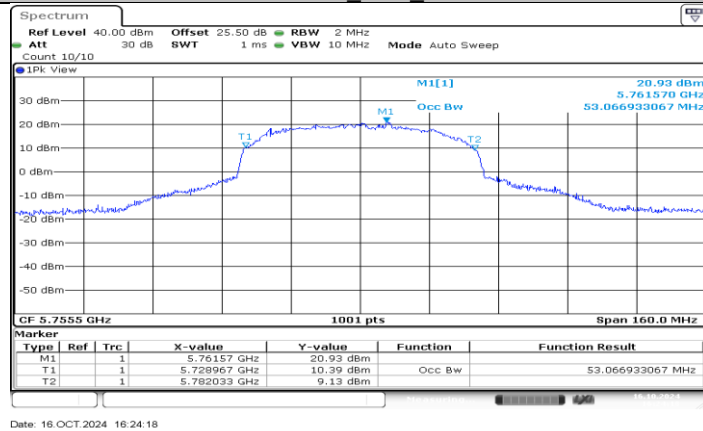
SRD 60M_Ant1_5200



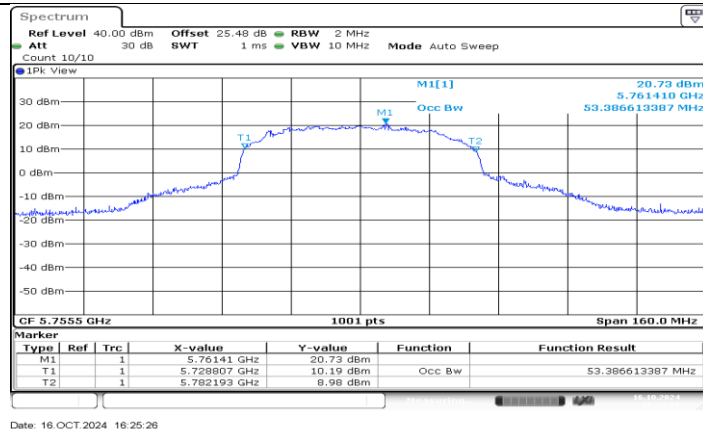
SRD 60M_Ant0_5220



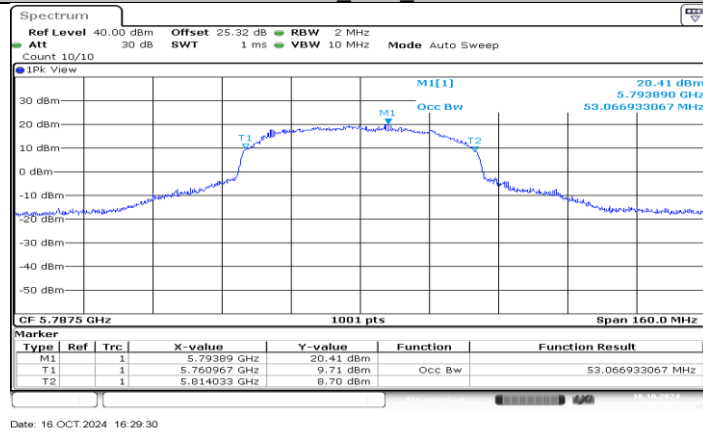
SRD 60M_Ant1_5220



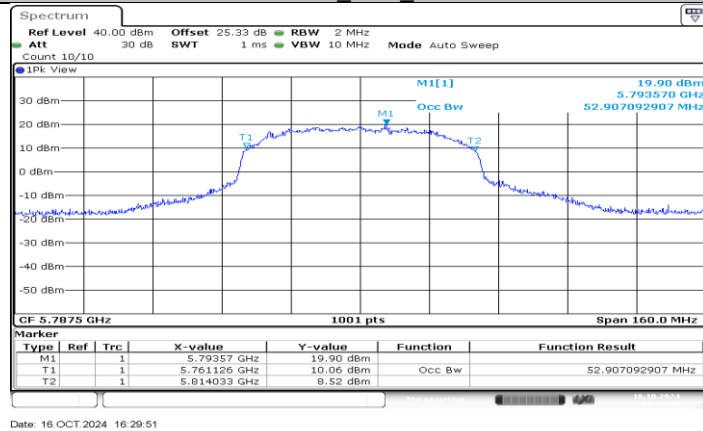
SRD 60M_Ant0_5755.5



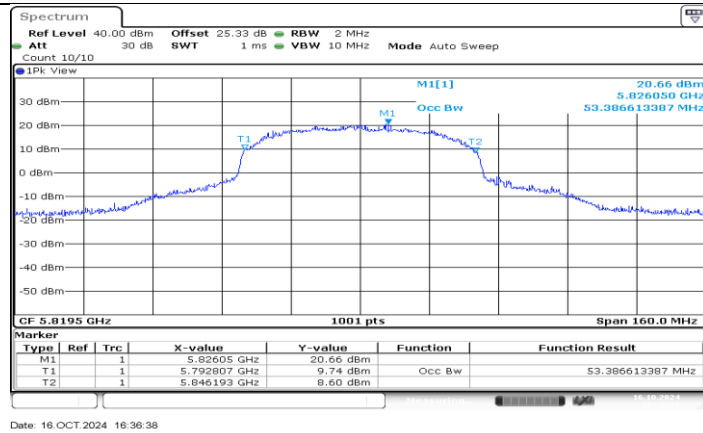
SRD 60M_Ant1_5755.5



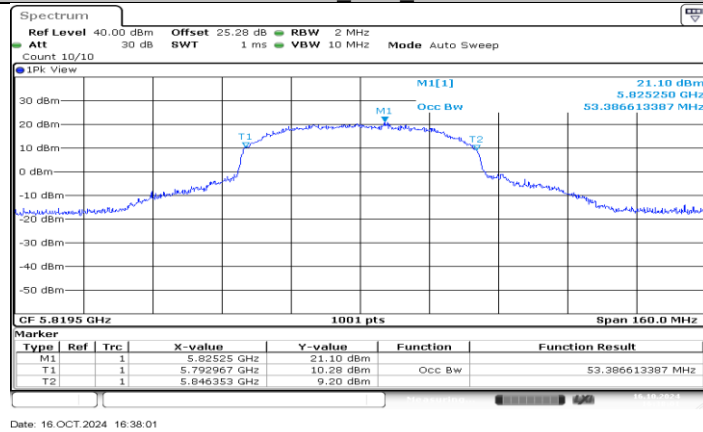
SRD 60M_Ant0_5787.5



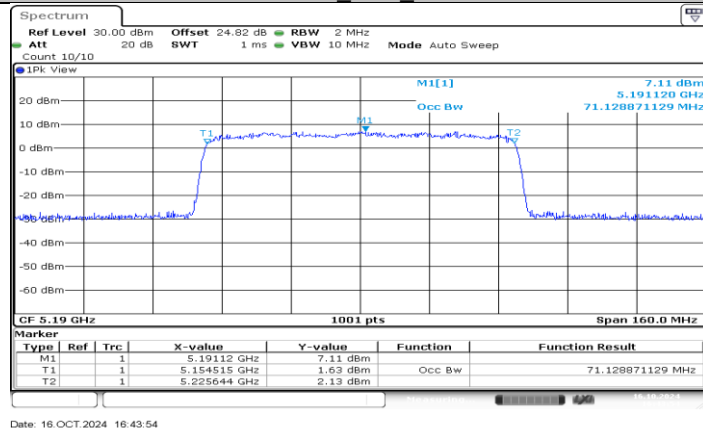
SRD 60M_Ant1_5787.5



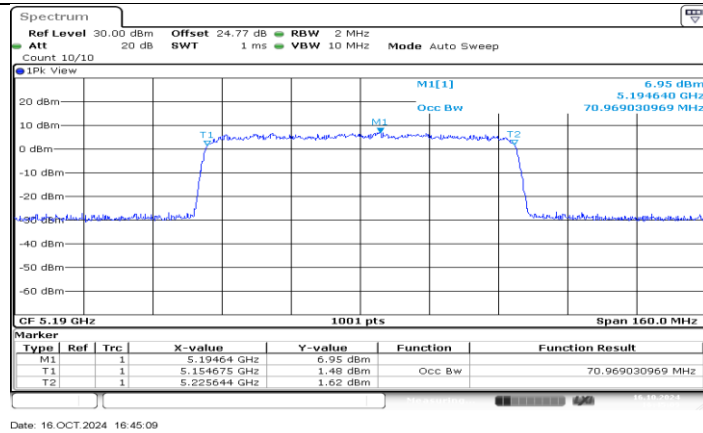
SRD 60M_Ant0_5819.5



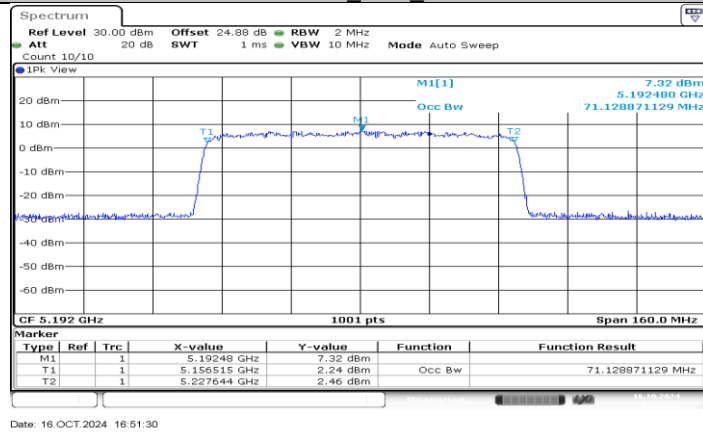
SRD 60M_Ant1_5819.5



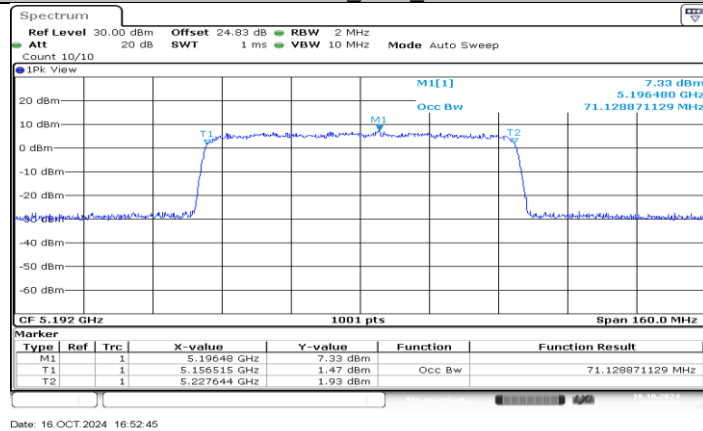
SRD 80M_Ant0_5190



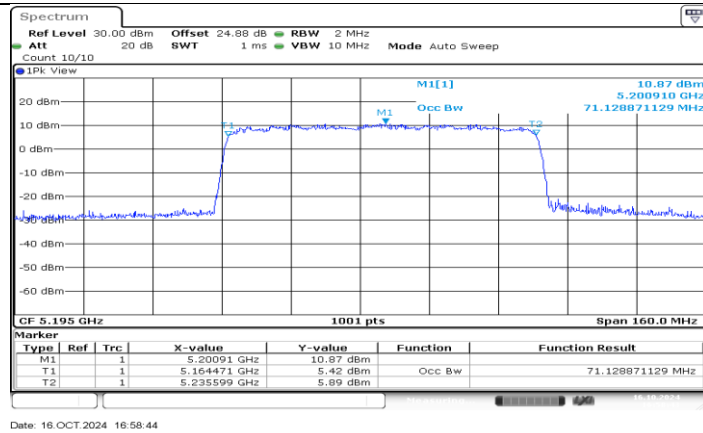
SRD 80M_Ant1_5190



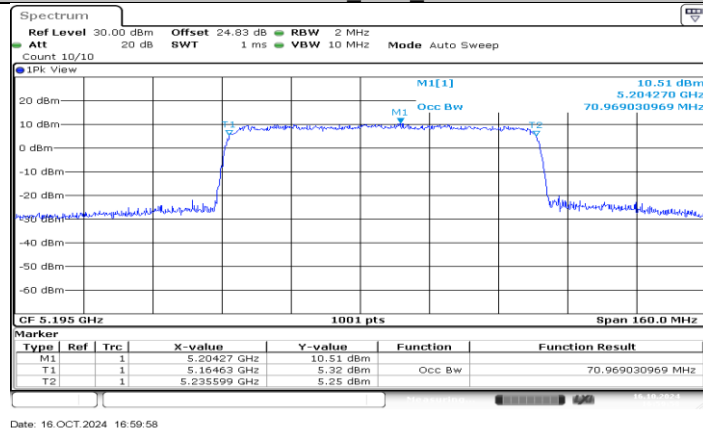
SRD 80M_Ant0_5192



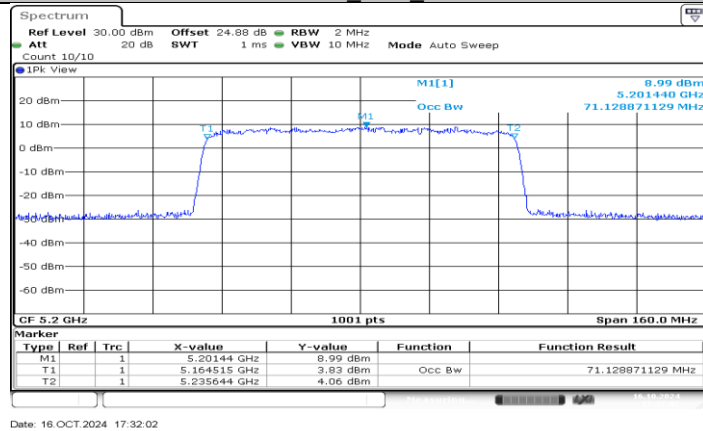
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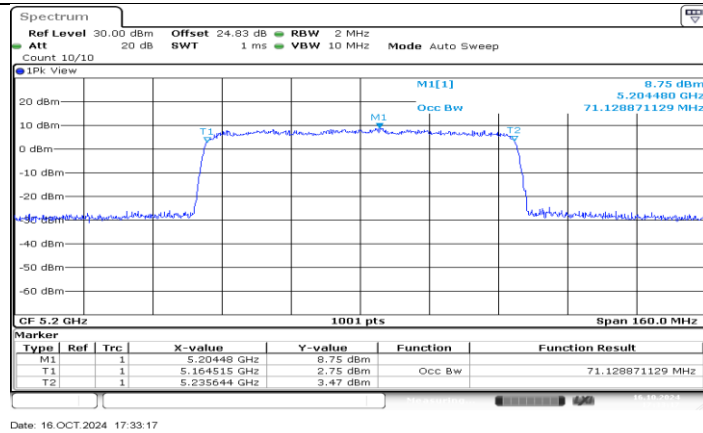
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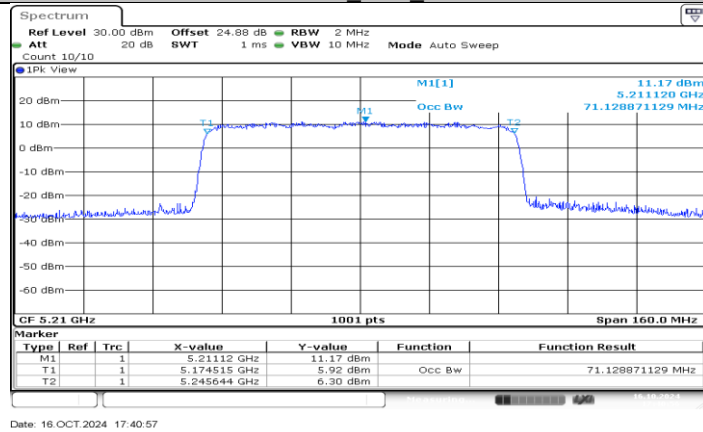
SRD 80M_Ant1_5195



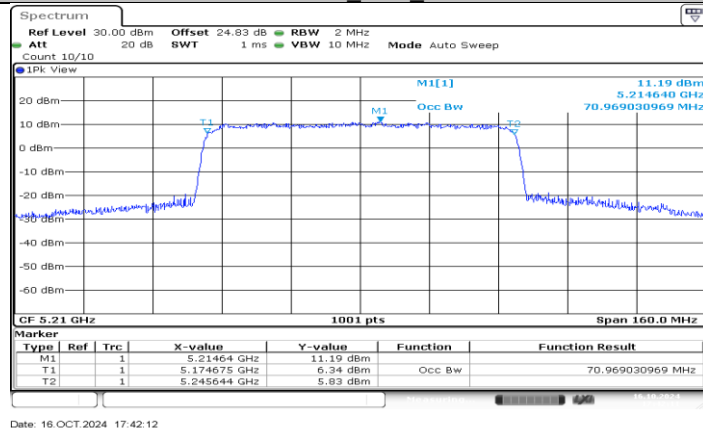
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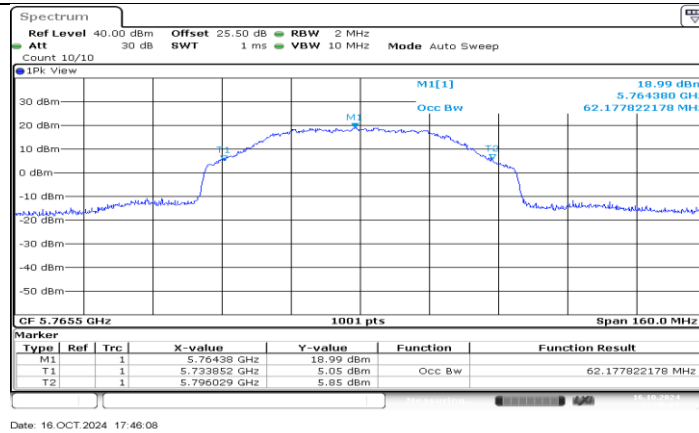
SRD 80M_Ant1_5200



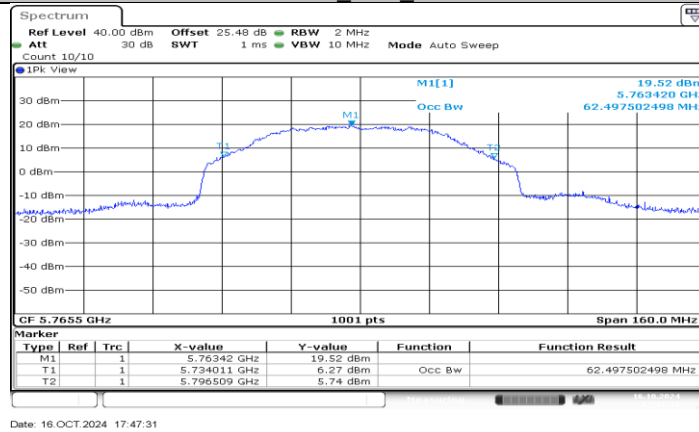
SRD 80M_Ant0_5210



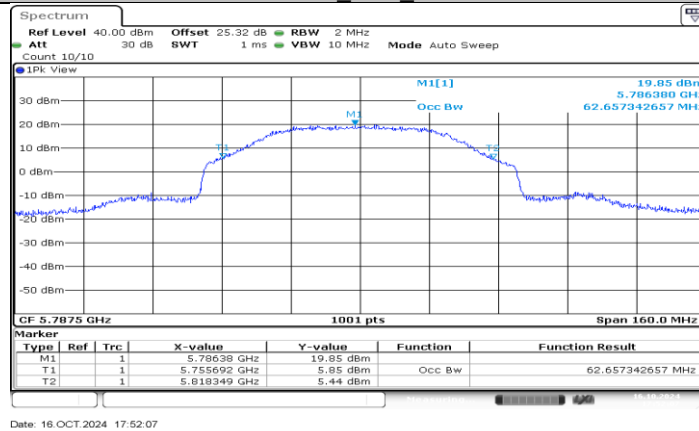
SRD 80M_Ant1_5210



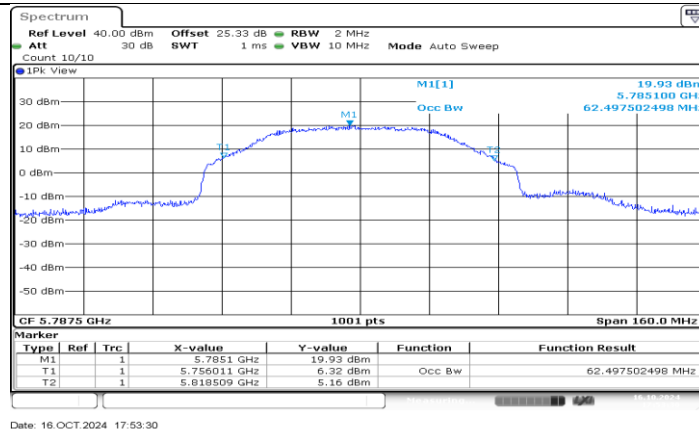
SRD 80M_Ant0_5765.5



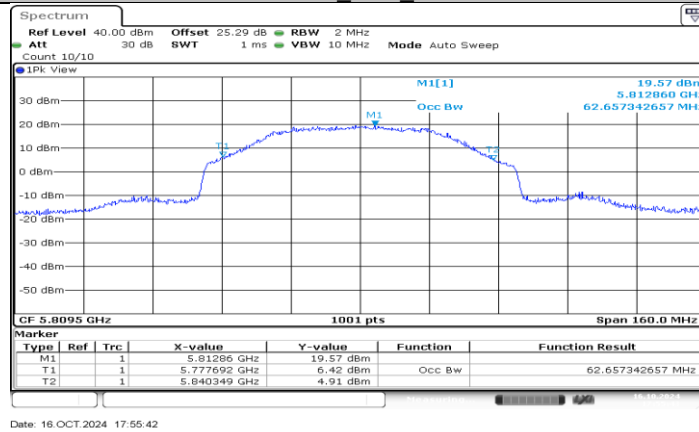
SRD 80M_Ant1_5765.5



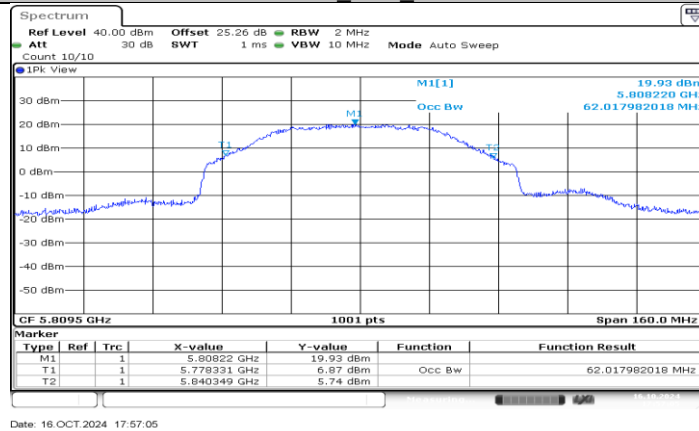
SRD 80M_Ant0_5787.5



SRD 80M_Ant1_5787.5



SRD 80M_Ant0_5809.5



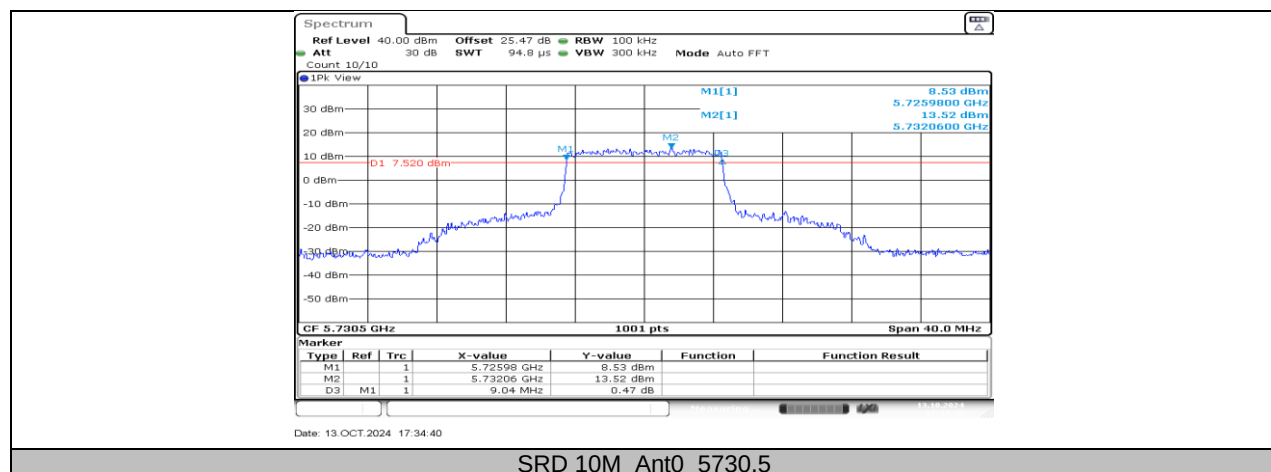
SRD 80M_Ant1_5809.5

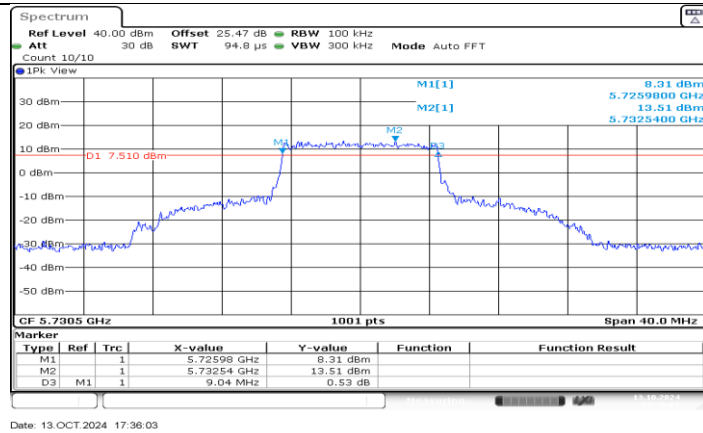
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

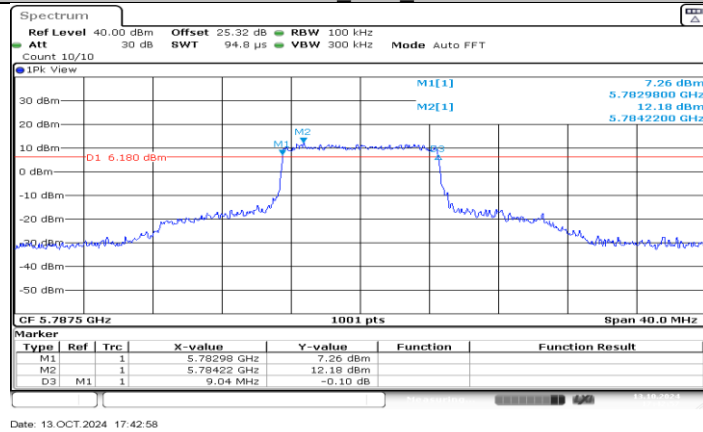
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD 10M	Ant0	5730.5	9.04	5725.98	5735.02	≥ 0.5	PASS
	Ant1	5730.5	9.04	5725.98	5735.02	≥ 0.5	PASS
	Ant0	5787.5	9.04	5782.98	5792.02	≥ 0.5	PASS
	Ant1	5787.5	9.04	5782.98	5792.02	≥ 0.5	PASS
	Ant0	5844.5	9.04	5839.98	5849.02	≥ 0.5	PASS
	Ant1	5844.5	9.04	5839.98	5849.02	≥ 0.5	PASS
SRD 20M	Ant0	5735.5	17.92	5726.54	5744.46	≥ 0.5	PASS
	Ant1	5735.5	17.84	5726.58	5744.42	≥ 0.5	PASS
	Ant0	5787.5	17.76	5778.58	5796.34	≥ 0.5	PASS
	Ant1	5787.5	17.92	5778.54	5796.46	≥ 0.5	PASS
	Ant0	5839.5	17.76	5830.70	5848.46	≥ 0.5	PASS
	Ant1	5839.5	17.88	5830.58	5848.46	≥ 0.5	PASS
SRD 40M	Ant0	5745.5	21.52	5734.70	5756.22	≥ 0.5	PASS
	Ant1	5745.5	21.52	5735.34	5756.86	≥ 0.5	PASS
	Ant0	5787.5	23.68	5776.62	5800.30	≥ 0.5	PASS
	Ant1	5787.5	21.76	5777.10	5798.86	≥ 0.5	PASS
	Ant0	5829.5	23.44	5818.70	5842.14	≥ 0.5	PASS
	Ant1	5829.5	22.24	5818.62	5840.86	≥ 0.5	PASS
SRD 60M	Ant0	5755.5	42.72	5734.06	5776.78	≥ 0.5	PASS
	Ant1	5755.5	39.84	5734.86	5774.70	≥ 0.5	PASS
	Ant0	5787.5	43.04	5764.62	5807.66	≥ 0.5	PASS
	Ant1	5787.5	38.56	5767.66	5806.22	≥ 0.5	PASS
	Ant0	5819.5	43.20	5796.62	5839.82	≥ 0.5	PASS
	Ant1	5819.5	41.28	5798.86	5840.14	≥ 0.5	PASS
SRD 80M	Ant0	5765.5	43.52	5743.58	5787.10	≥ 0.5	PASS
	Ant1	5765.5	41.12	5744.70	5785.82	≥ 0.5	PASS
	Ant0	5787.5	38.56	5767.18	5805.74	≥ 0.5	PASS
	Ant1	5787.5	40.96	5766.70	5807.66	≥ 0.5	PASS
	Ant0	5809.5	37.92	5789.66	5827.58	≥ 0.5	PASS
	Ant1	5809.5	40.64	5789.50	5830.14	≥ 0.5	PASS

11.3.2. Test Graphs

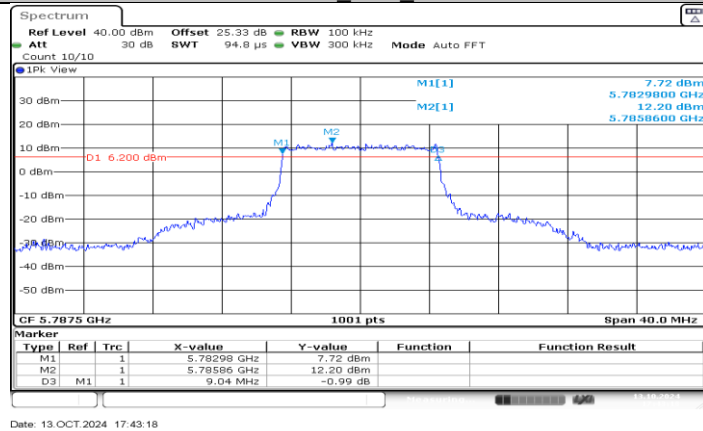




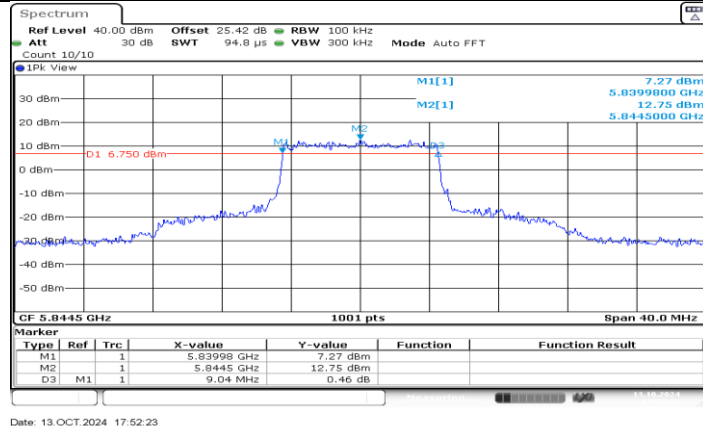
SRD 10M_Ant1_5730.5



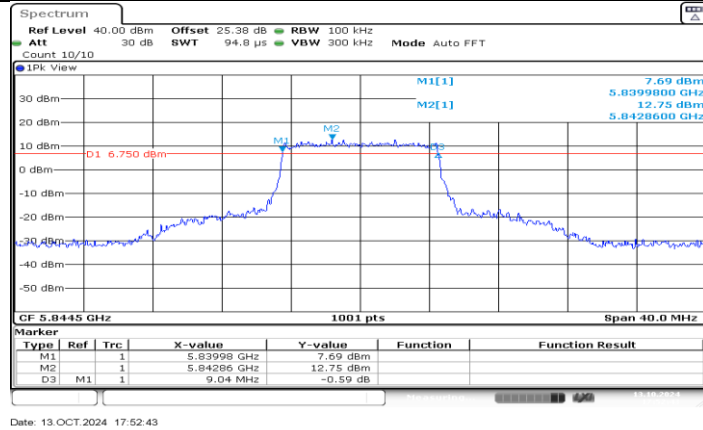
SRD 10M_Ant0_5787.5



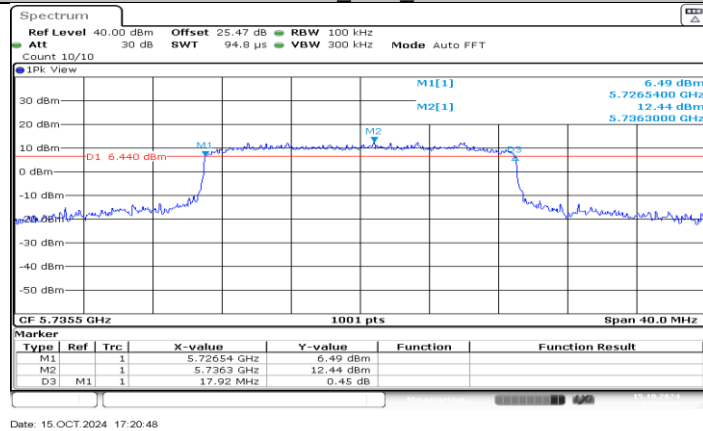
SRD 10M_Ant1_5787.5



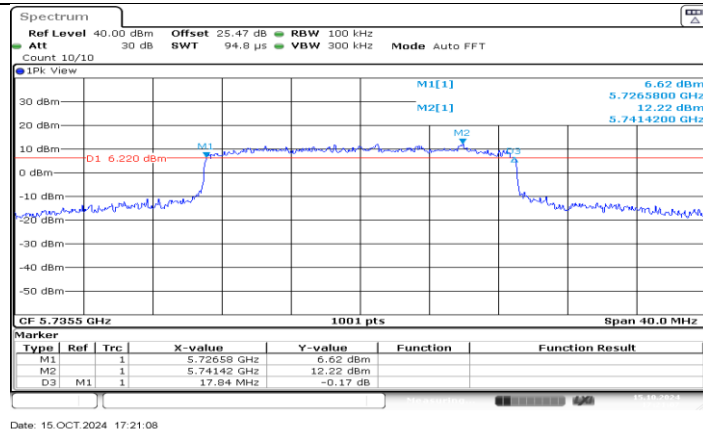
SRD 10M_Ant0_5844.5



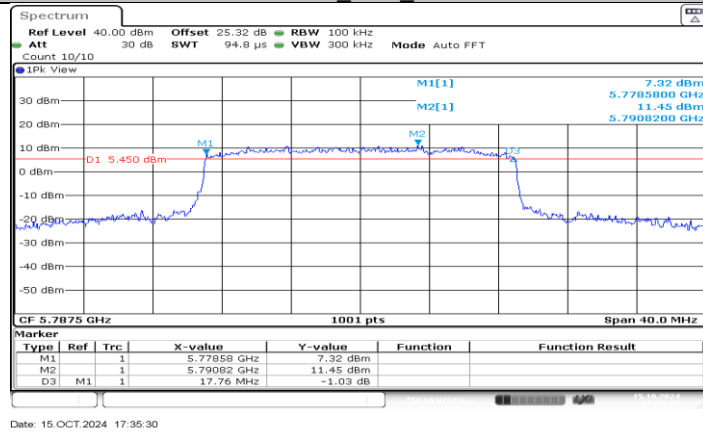
SRD 10M_Ant1_5844.5



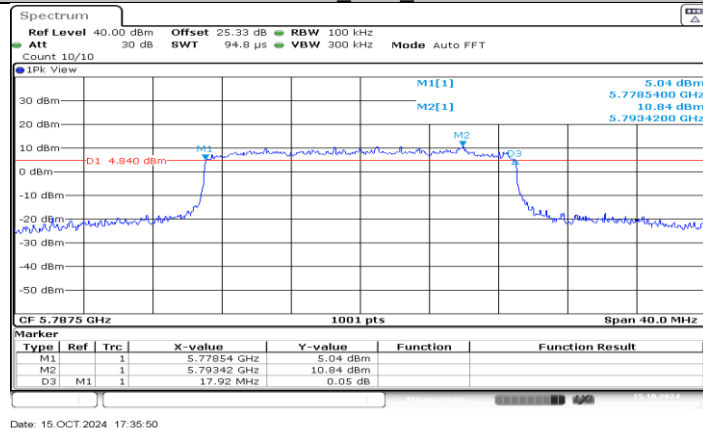
SRD 20M_Ant0_5735.5



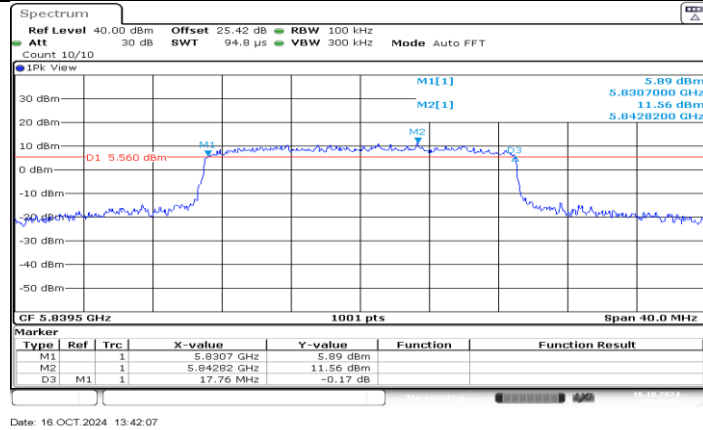
SRD 20M_Ant1_5735.5



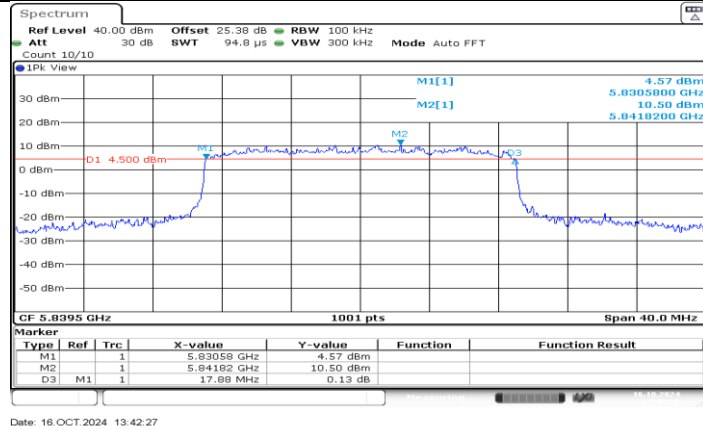
SRD 20M_Ant0_5787.5



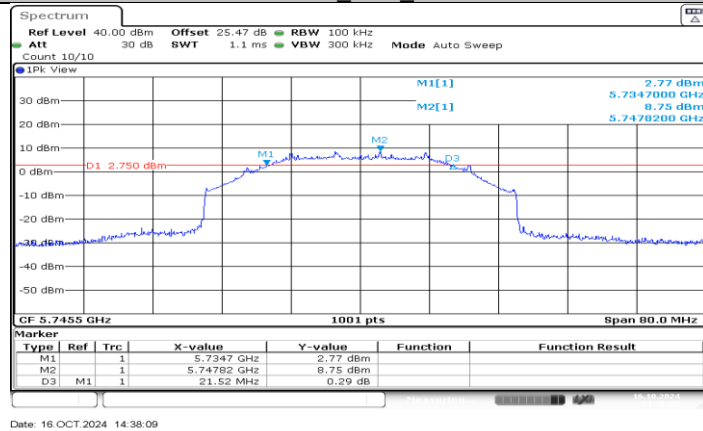
SRD 20M_Ant1_5787.5



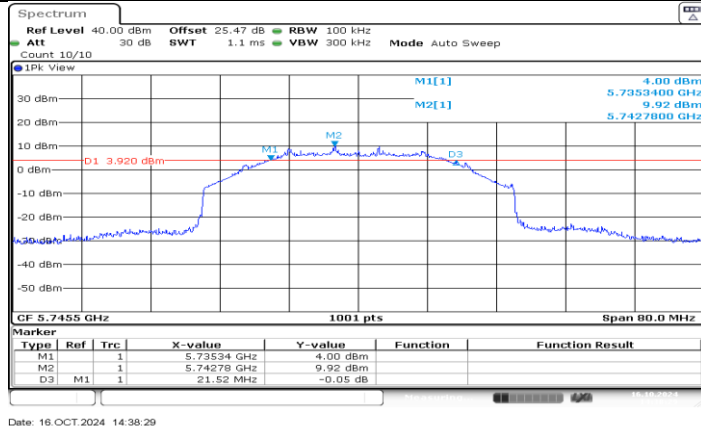
SRD 20M_Ant0_5839.5



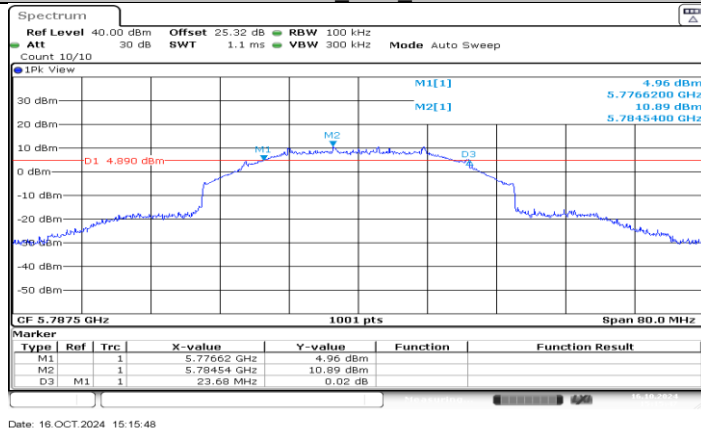
SRD 20M_Ant1_5839.5



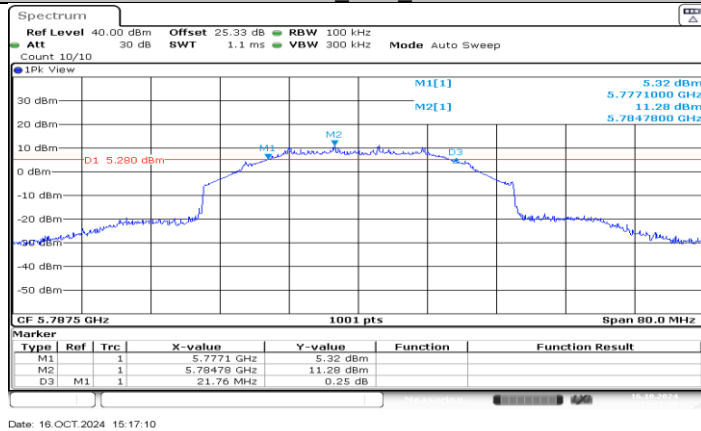
SRD 40M_Ant0_5745.5



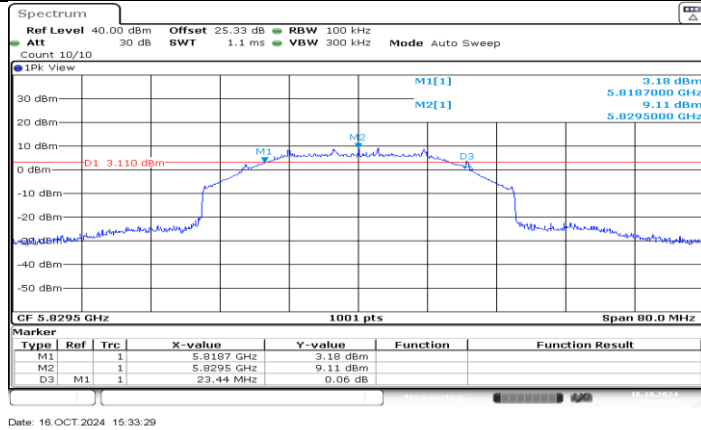
SRD 40M_Ant1_5745.5



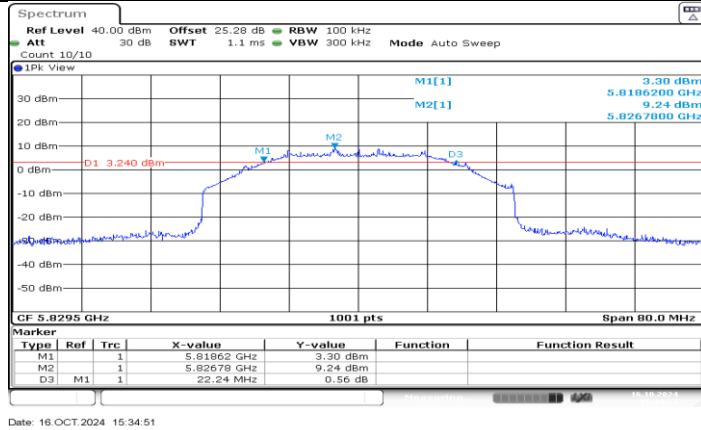
SRD 40M_Ant0_5787.5



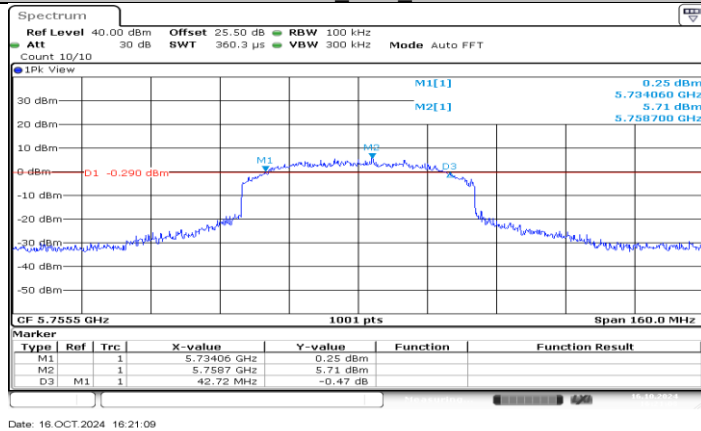
SRD 40M_Ant1_5787.5



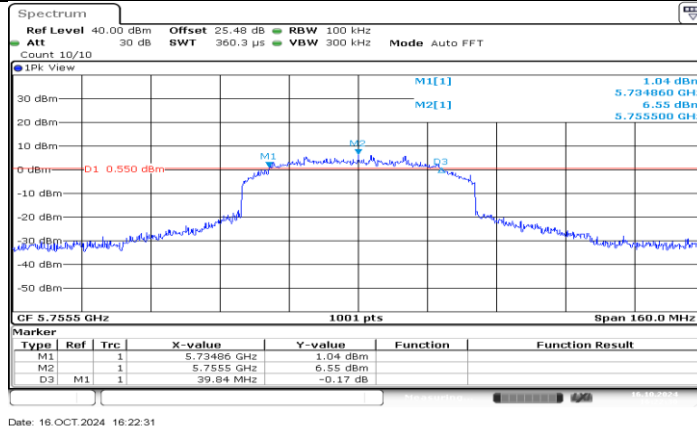
SRD 40M_Ant0_5829.5



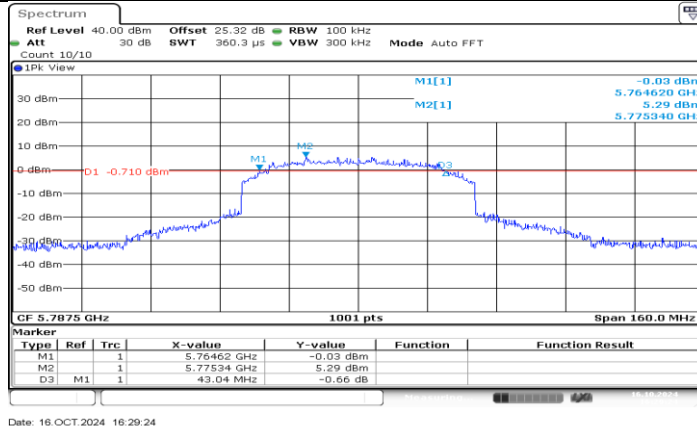
SRD 40M_Ant1_5829.5



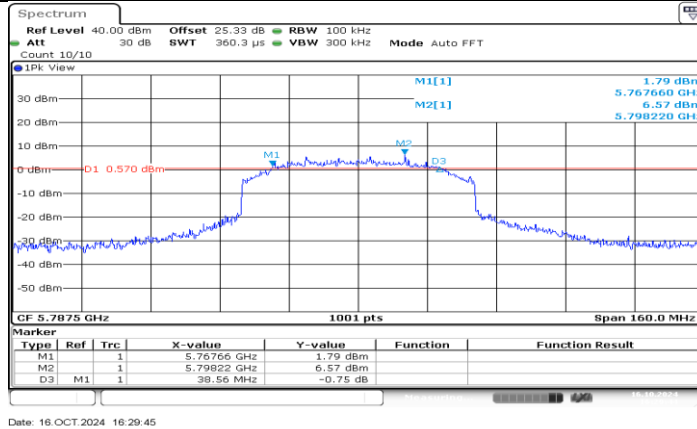
SRD 60M_Ant0_5755.5



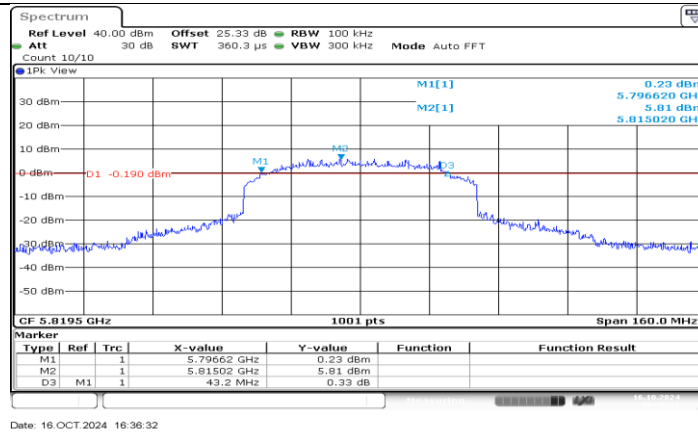
SRD 60M_Ant1_5755.5



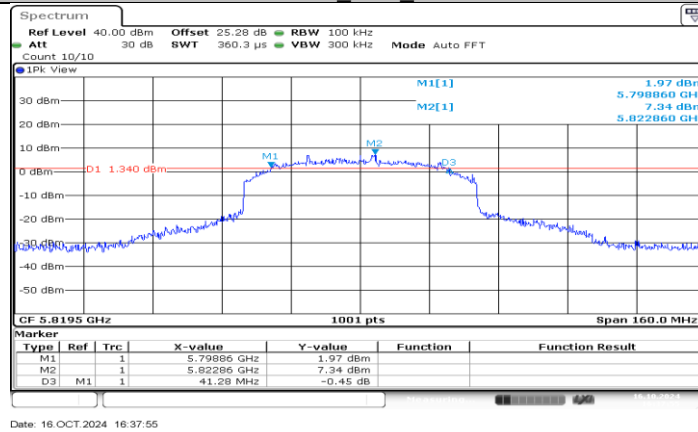
SRD 60M_Ant0_5787.5



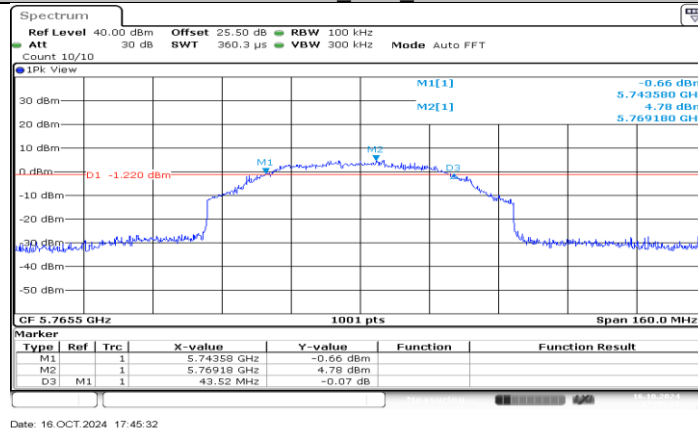
SRD 60M_Ant1_5787.5



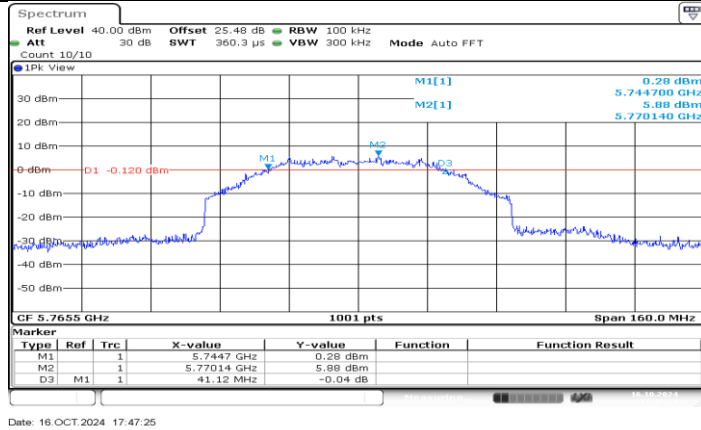
SRD 60M_Ant0_5819.5



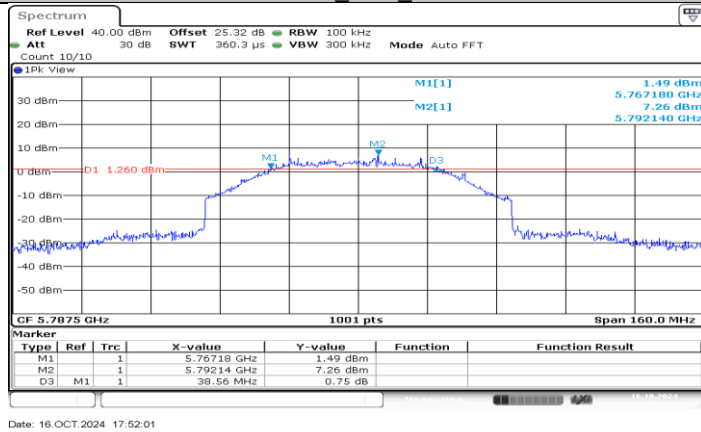
SRD 60M_Ant1_5819.5



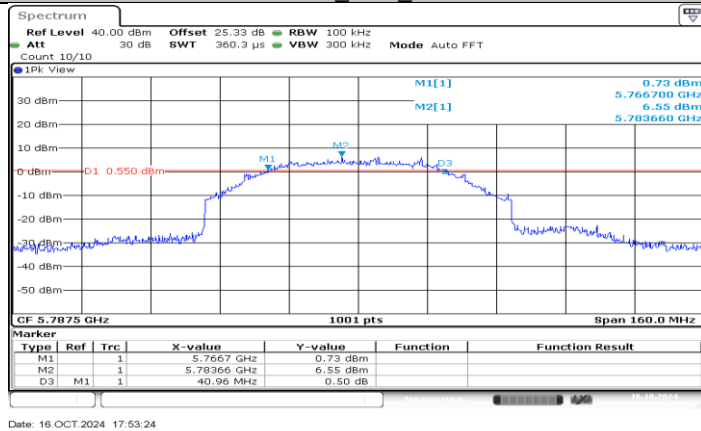
SRD 80M_Ant0_5765.5



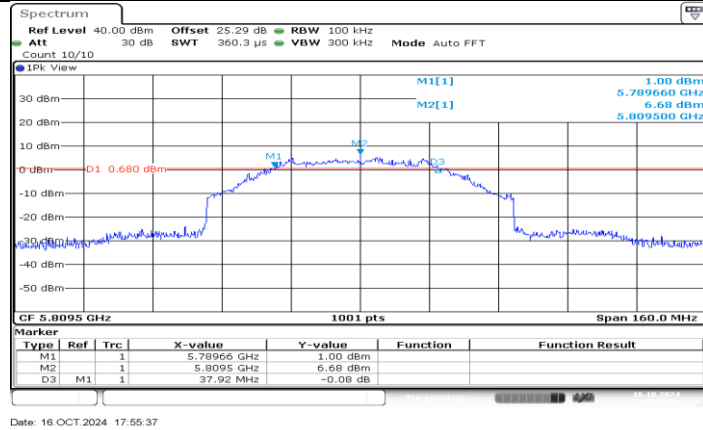
SRD 80M_Ant1_5765.5



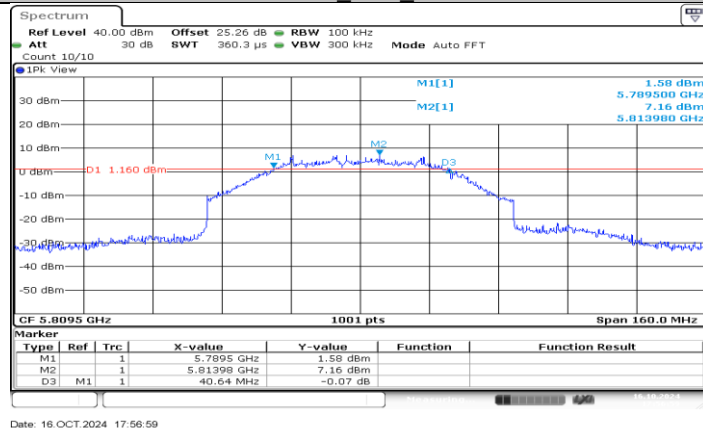
SRD 80M_Ant0_5787.5



SRD 80M_Ant1_5787.5



SRD 80M_Ant0_5809.5



SRD 80M_Ant1_5809.5

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Mode	Freq(MHz)	Average Conducted Power (dBm)			FCC Limit (dBm)
		ANT0	ANT1	Total	
SRD 10M	5157	2.07	1.93	5.01	24
	5158	4.12	3.88	7.01	24
	5160	6.67	6.37	9.53	24
	5162	8.66	8.38	11.53	24
	5163	10.15	9.88	13.03	24
	5166	12.73	12.38	15.57	24
	5167	14.96	14.66	17.82	24
	5169	16.44	16.13	19.30	24
	5201	16.15	15.81	18.99	24
	5245	15.54	15.18	18.37	24
	5730.5	25.87	25.43	28.67	30
	5787.5	25.33	25.29	28.32	30
	5844.5	25.26	25.48	28.38	30
SRD 20M	5161	4.96	4.58	7.78	24
	5162	6.86	6.49	9.69	24
	5167	12.03	10.41	14.31	24
	5169	13.42	11.81	15.70	24
	5171	16.72	15.22	19.04	24
	5201	16.42	14.95	18.76	24
	5240	16.29	14.86	18.64	24
	5735.5	26.85	25.34	29.17	30
	5787.5	26.31	25.67	29.01	30
	5839.5	26.38	25.60	29.02	30
SRD 40M	5170	7.57	6.47	10.07	24
	5171	9.62	8.59	12.15	24
	5173	11.31	10.97	14.15	24
	5177	13.40	13.02	16.22	24
	5187	15.74	15.40	18.58	24
	5200	15.83	15.48	18.67	24
	5230	15.81	15.47	18.65	24
	5745.5	22.21	22.79	25.52	30
	5787.5	24.21	24.02	27.13	30
	5829.5	22.94	23.02	25.99	30
SRD 60M	5180	8.78	8.47	11.64	24
	5182	10.31	9.88	13.11	24

	5186	11.75	11.34	14.56	24
	5191	13.55	13.21	16.39	24
	5195	15.54	15.19	18.38	24
	5200	16.04	15.69	18.88	24
	5220	15.49	15.65	18.58	24
	5755.5	22.86	23.00	25.94	30
	5787.5	23.00	22.81	25.92	30
	5819.5	22.72	22.96	25.85	30
SRD 80M	5190	10.50	10.18	13.35	24
	5192	12.07	11.67	14.88	24
	5195	13.47	13.04	16.27	24
	5200	14.89	14.53	17.72	24
	5210	15.70	15.57	18.65	24
	5765.5	22.57	23.04	25.82	30
	5787.5	22.76	22.95	25.87	30
	5809.5	22.55	23.15	25.87	30

Mode	Freq(MHz)	Average Conducted Power (dBm)			FCC Limit (dBm)
		ANT0	ANT3	Total	
SRD 10M	5157	1.69	1.34	4.53	24
	5158	3.42	3.51	6.48	24
	5160	6.27	5.77	9.04	24
	5162	8.23	7.85	11.05	24
	5163	9.66	9.41	12.55	24
	5166	12.16	11.84	15.01	24
	5167	14.61	14.01	17.33	24
	5169	15.94	15.57	18.77	24
	5201	15.45	15.33	18.40	24
	5245	15.08	14.70	17.90	24
	5730.5	25.49	24.83	28.18	30
	5787.5	24.98	24.70	27.85	30
	5844.5	24.87	25.17	28.03	30
SRD 20M	5161	4.60	3.92	7.28	24
	5162	6.20	6.18	9.20	24
	5167	11.56	9.74	13.75	24
	5169	13.06	11.37	15.31	24
	5171	16.18	14.63	18.48	24
	5201	16.04	14.40	18.31	24
	5240	15.96	14.28	18.21	24
	5735.5	26.15	24.91	28.58	30

	5787.5	25.78	25.15	28.49	30
	5839.5	25.89	25.06	28.51	30
SRD 40M	5170	6.88	5.80	9.38	24
	5171	9.08	8.00	11.58	24
	5173	10.82	10.65	13.75	24
	5177	12.85	12.68	15.78	24
	5187	15.24	14.87	18.07	24
	5200	15.34	15.01	18.19	24
	5230	15.25	14.84	18.06	24
	5745.5	21.91	22.33	25.14	30
	5787.5	23.82	23.66	26.75	30
	5829.5	22.56	22.69	25.64	30
SRD 60M	5180	8.37	7.84	11.12	24
	5182	9.65	9.27	12.47	24
	5186	11.19	10.87	14.04	24
	5191	13.12	12.63	15.89	24
	5195	15.14	14.51	17.85	24
	5200	15.43	15.34	18.40	24
	5220	15.11	15.01	18.07	24
	5755.5	22.21	22.53	25.38	30
	5787.5	22.44	22.39	25.43	30
	5819.5	22.32	22.26	25.30	30
SRD 80M	5190	9.86	9.58	12.73	24
	5192	11.59	11.00	14.32	24
	5195	12.93	12.47	15.72	24
	5200	14.50	13.91	17.23	24
	5210	15.25	14.87	18.07	24
	5765.5	22.18	22.58	25.39	30
	5787.5	22.31	22.64	25.49	30
	5809.5	22.23	22.64	25.45	30

Mode	Freq(MHz)	Average Conducted Power (dBm)			FCC Limit (dBm)
		Ant1	Ant2	Total	
SRD 10M	5157	1.69	1.38	4.55	24
	5158	3.59	3.57	6.59	24
	5160	6.20	5.82	9.02	24
	5162	8.12	7.76	10.95	24
	5163	9.47	9.38	12.44	24
	5166	12.11	11.70	14.92	24
	5167	14.33	14.03	17.19	24

	5169	15.74	15.64	18.70	24
	5201	15.73	15.41	18.58	24
	5245	15.10	14.52	17.83	24
	5730.5	25.39	25.03	28.22	30
	5787.5	24.75	24.69	27.73	30
	5844.5	24.89	24.80	27.86	30
SRD 20M	5161	4.35	4.00	7.19	24
	5162	6.33	6.08	9.22	24
	5167	11.33	9.84	13.66	24
	5169	12.72	11.39	15.12	24
	5171	16.19	14.53	18.45	24
	5201	15.90	14.28	18.18	24
	5240	15.72	14.31	18.08	24
	5735.5	26.23	24.73	28.55	30
	5787.5	25.97	25.21	28.62	30
	5839.5	25.93	25.10	28.55	30
SRD 40M	5170	6.90	6.16	9.56	24
	5171	8.92	8.02	11.50	24
	5173	10.79	10.66	13.74	24
	5177	12.98	12.61	15.81	24
	5187	15.26	14.78	18.04	24
	5200	15.40	15.05	18.24	24
	5230	15.12	14.97	18.06	24
	5745.5	21.84	22.16	25.01	30
	5787.5	23.80	23.60	26.71	30
	5829.5	22.47	22.65	25.57	30
SRD 60M	5180	8.38	7.96	11.19	24
	5182	9.92	9.24	12.60	24
	5186	11.20	10.77	14.00	24
	5191	13.20	12.58	15.91	24
	5195	15.03	14.75	17.90	24
	5200	15.56	15.05	18.32	24
	5220	14.87	15.09	17.99	24
	5755.5	22.40	22.56	25.49	30
	5787.5	22.41	22.38	25.41	30
	5819.5	22.32	22.35	25.35	30
SRD 80M	5190	10.20	9.79	13.01	24
	5192	11.55	11.31	14.44	24
	5195	13.13	12.72	15.94	24
	5200	14.19	14.18	17.20	24

	5210	15.19	15.20	18.21	24
	5765.5	21.87	22.36	25.13	30
	5787.5	22.31	22.27	25.30	30
	5809.5	21.91	22.47	25.21	30

Mode	Freq(MHz)	Average Conducted Power (dBm)			FCC Limit (dBm)
		Ant2	Ant3	Total	
SRD 10M	5157	1.71	1.43	4.58	24
	5158	3.60	3.53	6.58	24
	5160	6.00	5.85	8.94	24
	5162	8.27	8.05	11.17	24
	5163	9.57	9.50	12.55	24
	5166	12.23	11.73	15.00	24
	5167	14.29	14.04	17.18	24
	5169	15.76	15.44	18.61	24
	5201	15.76	15.41	18.60	24
	5245	15.22	14.72	17.99	24
	5730.5	25.24	24.97	28.12	30
	5787.5	24.88	24.65	27.78	30
	5844.5	24.68	24.89	27.80	30
SRD 20M	5161	4.62	3.90	7.29	24
	5162	6.40	6.05	9.24	24
	5167	11.38	9.93	13.73	24
	5169	13.08	11.48	15.36	24
	5171	16.24	14.68	18.54	24
	5201	15.75	14.36	18.12	24
	5240	15.80	14.16	18.07	24
	5735.5	26.46	24.95	28.78	30
	5787.5	25.99	25.23	28.64	30
	5839.5	26.07	25.05	28.60	30
SRD 40M	5170	6.96	5.77	9.42	24
	5171	9.22	7.90	11.62	24
	5173	10.70	10.66	13.69	24
	5177	12.93	12.40	15.68	24
	5187	15.41	14.77	18.11	24
	5200	15.53	14.94	18.26	24
	5230	15.26	14.90	18.09	24
	5745.5	21.74	22.31	25.04	30
	5787.5	23.58	23.33	26.47	30
	5829.5	22.39	22.48	25.45	30

SRD 60M	5180	8.20	8.17	11.20	24
	5182	9.80	9.25	12.54	24
	5186	11.34	11.02	14.19	24
	5191	13.00	12.72	15.87	24
	5195	15.03	14.60	17.83	24
	5200	15.48	15.21	18.36	24
	5220	15.13	14.96	18.06	24
	5755.5	22.25	22.46	25.37	30
	5787.5	22.49	22.50	25.51	30
	5819.5	22.36	22.39	25.39	30
SRD 80M	5190	9.83	9.49	12.67	24
	5192	11.75	11.23	14.51	24
	5195	13.03	12.63	15.84	24
	5200	14.45	14.21	17.34	24
	5210	15.37	15.22	18.31	24
	5765.5	22.20	22.52	25.37	30
	5787.5	22.09	22.63	25.38	30
	5809.5	21.85	22.48	25.19	30

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
SRD 10M	Ant0	5157	-6.65	≤11.00	PASS
	Ant1	5157	-6.60	≤11.00	PASS
	total	5157	-3.61	≤11.00	PASS
	Ant0	5158	-4.70	≤11.00	PASS
	Ant1	5158	-5.00	≤11.00	PASS
	total	5158	-1.84	≤11.00	PASS
	Ant0	5160	-2.09	≤11.00	PASS
	Ant1	5160	-2.34	≤11.00	PASS
	total	5160	0.80	≤11.00	PASS
	Ant0	5162	-0.05	≤11.00	PASS
	Ant1	5162	-0.27	≤11.00	PASS
	total	5162	2.85	≤11.00	PASS
	Ant0	5163	1.35	≤11.00	PASS
	Ant1	5163	1.08	≤11.00	PASS
	total	5163	4.23	≤11.00	PASS
	Ant0	5166	3.87	≤11.00	PASS
	Ant1	5166	3.49	≤11.00	PASS
	total	5166	6.69	≤11.00	PASS
	Ant0	5167	6.47	≤11.00	PASS
	Ant1	5167	5.72	≤11.00	PASS
	total	5167	9.12	≤11.00	PASS
	Ant0	5169	7.93	≤11.00	PASS
	Ant1	5169	7.20	≤11.00	PASS
	total	5169	10.59	≤11.00	PASS
	Ant0	5201	7.51	≤11.00	PASS
	Ant1	5201	6.94	≤11.00	PASS
	total	5201	10.24	≤11.00	PASS
	Ant0	5245	6.80	≤11.00	PASS
	Ant1	5245	6.40	≤11.00	PASS
	total	5245	9.61	≤11.00	PASS
	Ant0	5730.5	14.01	≤30.00	PASS
	Ant1	5730.5	13.80	≤30.00	PASS
	total	5730.5	16.92	≤30.00	PASS
	Ant0	5787.5	13.49	≤30.00	PASS
	Ant1	5787.5	13.68	≤30.00	PASS
	total	5787.5	16.60	≤30.00	PASS
	Ant0	5844.5	13.59	≤30.00	PASS
	Ant1	5844.5	13.71	≤30.00	PASS
	total	5844.5	16.66	≤30.00	PASS
SRD 20M	Ant0	5161	-6.36	≤11.00	PASS
	Ant1	5161	-7.01	≤11.00	PASS
	total	5161	-3.66	≤11.00	PASS
	Ant0	5162	-4.72	≤11.00	PASS
	Ant1	5162	-4.83	≤11.00	PASS
	total	5162	-1.76	≤11.00	PASS
	Ant0	5167	0.42	≤11.00	PASS
	Ant1	5167	-0.87	≤11.00	PASS
	total	5167	2.83	≤11.00	PASS
	Ant0	5169	1.81	≤11.00	PASS
	Ant1	5169	0.31	≤11.00	PASS
	total	5169	4.13	≤11.00	PASS
	Ant0	5171	4.98	≤11.00	PASS
	Ant1	5171	3.70	≤11.00	PASS
	total	5171	7.40	≤11.00	PASS
	Ant0	5201	4.78	≤11.00	PASS